No. 2G985-016EN*A

TOSHIBA

# DICOM CONFORMANCE STATEMENT

# FOR

# DIAGNOSTIC ULTRASOUND SYSTEM

Aplio i900

**MODEL TUS-AI900 V1.5**

Aplio i800

**MODEL TUS-AI800 V1.5**

Aplio i700

**MODEL TUS-AI700 V1.5**

TOSHIBA MEDICAL SYSTEMS CORPORATION

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English: "http://www.toshibamedicalsystems.com/tmd/english/dicom/index.html"
Japanese: "http://www.toshiba-medical.co.jp/tmd/products/dicom/index.html"

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# 1. CONFORMANCE STATEMENT OVERVIEW

Table 1-1 provides an overview of the network services supported by *Aplio*$^{TM}$.

**Table 1-1**
**NETWORK SERVICES**

| SOP Classes | User of Service (SCU) | Provider of Service (SCP) |
|---|---|---|
| **Transfer** | | |
| Secondary Capture Image Storage | Yes | Yes |
| Ultrasound Image Storage | Yes | Yes |
| Ultrasound Multi-frame Image Storage | Yes | Yes |
| Enhanced US Volume Storage | Yes | No |
| Enhanced SR Storage | Yes | Yes |
| Comprehensive SR Storage | Yes | Yes |
| CT Image Storage | No | Yes |
| MR Image Storage | No | Yes |
| **Storage Commitment** | | |
| Storage Commitment Push Model | Yes | No |
| **Query/Retrieve** | | |
| Study Root Q/R Information Model – Find | Yes | No |
| Study Root Q/R Information Model – Move | Yes | No |
| **Workflow Management** | | |
| Modality Worklist Information Model – Find | Yes | No |
| Modality Performed Procedure Step | Yes | No |
| **Print Management** | | |
| Basic Grayscale Print Management | Yes | No |
| Basic Color Print Management | Yes | No |

Table 1-2 provides an overview of the Media Storage Application Profiles supported by *Aplio*$^{TM}$.

**Table 1-2**
**MEDIA SERVICES**

| Media Storage Application Profile | Write Files (FSC or FSU) | Read Files (FSR) |
|---|---|---|
| **Compact Disk – Recordable** | | |
| General Purpose CD-R | Yes | Yes |
| **DVD Plus Recordable** | | |
| General Purpose DVD | Yes | Yes |
| **USB Media** | | |
| General Purpose USB Media | Yes | Yes |

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# 3. INTRODUCTION

## 3.1 REVISION HISTORY

**Table 3.1-1**
**REVISION HISTORY**

| Document Version | Date of Issue | Author | Description |
|---|---|---|---|
| | March 2016 | TMSC | Initial Version |
| *A | July 2016 | TMSC | Update Echocardiography Procedure Report SR,<br>Update Vascular Ultrasound Procedure Report SR,<br>Added Japanease Character Support,<br>Update Tag Information with MPPS N-CREATE / N-SET, US Image,US Multi-Frame, etc |

## 3.2 AUDIENCE

This document is intended for hospital staff, health system integrators, software designers or implementers. It is assumed that the reader has a working understanding of DICOM.

## 3.3 REMARKS

DICOM, by itself, does not guarantee interoperability. However, the Conformance Statement facilitates a first-level validation for interoperability between different applications supporting the same DICOM functionality.

This Conformance Statement is not intended to replace validation with other DICOM equipment to ensure proper exchange of information intended.

The scope of this Conformance Statement is to facilitate communication with Toshiba Medical Systems and other vendors' Medical equipment. The Conformance Statement should be read and understood in conjunction with the DICOM Standard [DICOM]. However, by itself it is not guaranteed to ensure the desired interoperability and a successful interconnectivity.

The user should be aware of the following important issues:

- The comparison of different conformance statements is the first step towards assessing interconnectivity between Toshiba Medical Systems and non-Toshiba Medical Systems equipment.
- Test procedures should be defined to validate the desired level of connectivity.
- The DICOM standard will evolve to meet the users' future requirements. Toshiba Medical Systems is actively involved in developing the standard further and therefore reserves the right to make changes to its products or to discontinue its delivery.

## 3.4 DEFINITIONS, TERMS AND ABBREVIATIONS

Definitions, terms and abbreviations used in this document are defined within the different parts of the DICOM standard.

Abbreviations and terms are as follows:

| | |
|---|---|
| **AE** | Application Entity |
| **ASCE** | Association Control Service Element |
| **CD-R** | Compact Disk Recordable |
| **CM** | Code Meaning (0008,0104) |
| **CSD** | Coding Scheme Designator (0008,0102) |
| **CV** | Code Value (0008,0100) |
| **DHCP** | Dynamic Host Configuration Prototol |
| **DIMSE** | DICOM Message Service Element |
| **DNS** | Domain Name System |
| **DVD** | A trademark of the DVD forum that is not an abbreviation |
| **DVD+R** | DVD Plus Recordable |
| **FSC** | File-Set Creator |
| **FSR** | File-Set Reader |
| **FSU** | File-Set Updater |
| **IE** | Information Entity |
| **IEEE** | Institute of Electrical and Electronics Engineers |
| **IOD** | Information Object Definition |
| **ISO** | International Standard Organization |
| **MPPS** | Modality Performed Procedure Step |
| **MSPS** | Modality Scheduled Procedure Step |
| **MWM** | Modality Worklist Management |
| **NTP** | Network Time Protocol |
| **PDU** | Protocol Data Unit |
| **SCU** | Service Class User (DICOM client) |
| **SCP** | Service Class Provider (DICOM server) |
| **SOP** | Service-Object Pair |
| **UID** | Unique Identifier |
| **USB** | Universal Serial Bus |
| **WPA** | Wi-Fi Protected Access |

## 3.5 REFERENCES

NEMA PS3 Digital Imaging and Communications in Medicine (DICOM) Standard, available free at http://medical.nema.org/

# 4. NETWORKING

## 4.1 IMPLEMENTATION MODEL

### 4.1.1 Application Data Flow

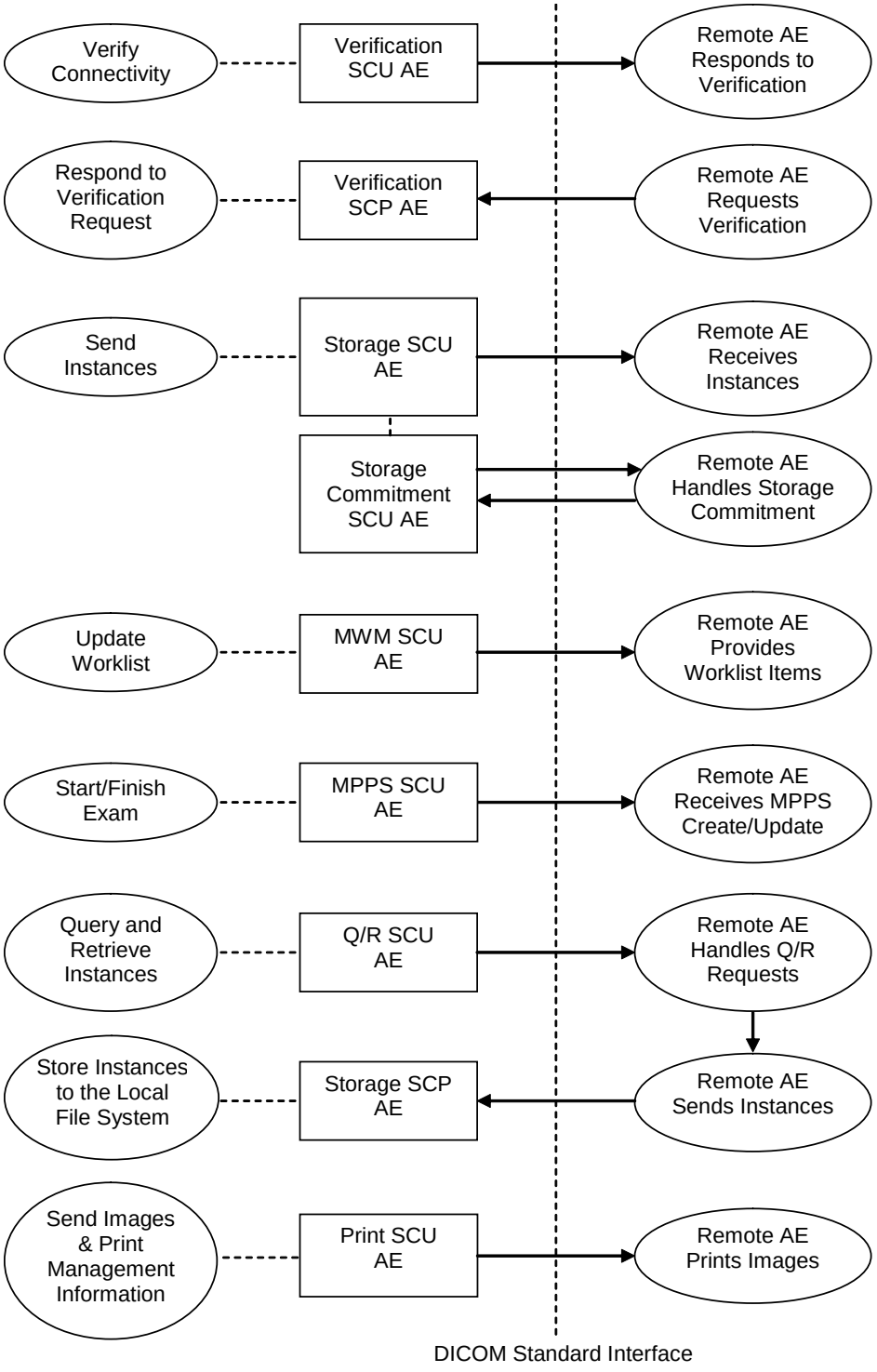


**Figure 4.1-1**
**APPLICATION DATA FLOW DIAGRAM**

— The Verification SCU AE issues a C-ECHO to verify a DICOM connection to a remote AE. It is associated with the local real-world activity "Verify Connectivity". "Verify Connectivity" is performed via the Service Tool.

— The Verification SCP AE responds successfully to C-ECHO requests from known AE Titles. It is associated with the local real-world activity "Respond to Verification Request".

— The Storage SCU AE sends instances to a remote AE. It is associated with the local real-world activity "Send Instances". "Send Instances" is performed upon user request for specific instances selected. If the remote AE is configured as a Storage Commitment SCP AE, the Storage SCU AE will send a storage commitment request to the Storage Commitment SCU AE.

— Receiving the storage commitment request from the Storage SCU AE, the Storage Commitment SCU AE will request Storage Commitment and if a commitment is successfully obtained will record this information in the local database.

— The MWM SCU AE receives worklist information from a remote AE. It is associated with the local real-world activity "Update Worklist". When the "Update Worklist" is performed the MWM SCU AE queries a remote AE for worklist items and provides the set of worklist items matching the query request. "Update Worklist" is performed manually or automatically.

— The MPPS SCU AE sends MPPS information to a remote AE. It is associated with the local real-world activity "Acquire Instances". When the "Acquire Instances" is performed the MPPS SCU AE creates and updates Modality Performed Procedure Step instances managed by a remote AE. Acquisition of instances will result in automated creation of an MPPS instance. Completion of the MPPS is performed as the result of an operator action.

— The Q/R SCU AE queries a remote AE for lists of studies and retrieves selected studies. It is associated with the local real-world activity "Query and Retrieve Instances".

— The Storage SCP AE receives incoming instances. It is associated with the local real-world activity "Store Instances to the Local File System". "Store Instances to the Local File System" stores the received instances to the local file system.

— The Print SCU AE prints images on a remote AE (Printer). It is associated with the local real-world activity "Send Images & Print Management Information". "Send Images & Print Management Information" creates a print-job within the print queue containing one or more virtual film sheets composed from images selected by the user.

### 4.1.2 Functional Definition of AEs

#### 4.1.2.1 Functional Definition of Verification SCU AE

The Verification SCU AE issues a C-ECHO to verify a DICOM connection to a remote AE. It is performed via the Service Tool.

#### 4.1.2.2 Functional Definition of Verification SCP AE

The Verification SCP AE responds successfully to C-ECHO requests from known AE Titles.

#### 4.1.2.3 Functional Definition of Storage SCU AE

The existence of a send-job queue entry with associated network destination will activate the Storage SCU AE. An association request is sent to the destination AE and upon successful negotiation of a Presentation Context the image transfer is started. If the image transfer fails, the Storage SCU AE will retry this send-job automatically. If the remote AE is configured as a Storage Commitment SCP AE, the Storage SCU AE will request Storage Commitment to the Storage Commitment SCU AE.

#### 4.1.2.4 Functional Definition of Storage Commitment SCU AE

The Storage Commitment SCU AE will request Storage Commitment and if a commitment is successfully obtained will record this information in the local database.

#### 4.1.2.5 Functional Definition of MWM SCU AE

The MWM SCU AE attempts to download a worklist from a remote node. If the MWM SCU AE establishes an association to a remote AE, it will transfer patient's information and worklist items via the open association. The results will be displayed in a separate list. The patient's information will be used for the patient registration.

#### 4.1.2.6 Functional Definition of MPPS SCU AE

The MPPS SCU AE performs the creation of an MPPS Instance automatically when the user selects and starts a worklist item. Further updates on the MPPS data can be performed when the user completes the acquisition.

#### 4.1.2.7 Functional Definition of Q/R SCU AE

The Q/R SCU AE is activated when the user selects a remote node to query and enters some key information, Patient's Name, Patient ID and/or Study Date. The user can select studies to be retrieved. The instances will be received at the Storage SCP AE.

#### 4.1.2.8 Functional Definition of Storage SCP AE

The Storage SCP AE waits for another application to connect at the presentation address configured for its Application Entity Title. The Storage SCP AE will accept Associations with Presentation Contexts for SOP Classes of the Verification and Storage Service Classes. Any instances received on such Presentation Contexts will be stored to the local file system.

#### 4.1.2.9 Functional Definition of Print SCU AE

The existence of a print-job in the print queue will activate the Print SCU AE. An association is established with the printer and the printer's status determined. If the printer is operating normally, the film sheets described within the print-job will be printed. If the printer is not operating normally, this print-job can be canceled or restarted by the user operations.

### 4.1.3 Sequencing of Real-World Activities

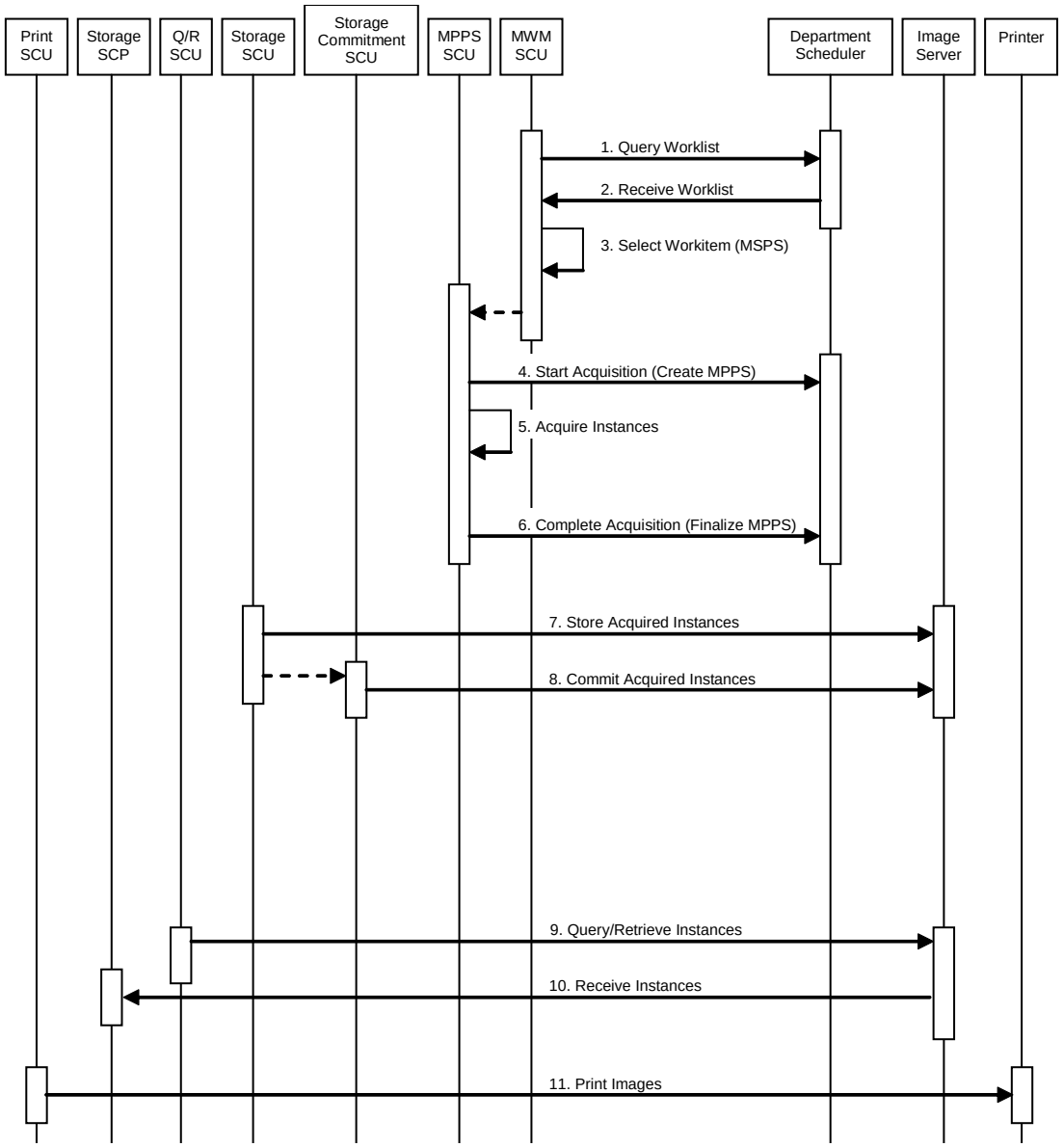


**Figure 4.1-2**
**SEQUENCING CONSTRAINTS**

Under typical scheduled workflow conditions the sequencing constraints illustrated in Figure 4.1-2 apply:

1. Query Worklist
2. Receive Worklist of Modality Scheduled Procedure Steps (MSPS)
3. Select Workitem (MSPS) from Worklist
4. Start Acquisition and Create MPPS
5. Acquire Instances
6. Complete Acquisition and Finalize MPPS
7. Store Acquired Instances
8. Commit Acquired Instances
9. Query/Retrieve Instances
10. Receive Instances
11. Print Images

Other workflow situations (e.g. unscheduled procedure steps) will have other sequencing constraints. Some activities may be omitted according to situations.

## 4.2 AE SPECIFICATIONS

### 4.2.1 Verification SCU AE Specification

#### 4.2.1.1 SOP Classes

The Verification SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-1**
**SOP CLASSES FOR THE VERIFICATION SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Verification | 1.2.840.10008.1.1 | Yes | No |

#### 4.2.1.2 Association Policies

##### 4.2.1.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-2**
**DICOM APPLICATION CONTEXT FOR THE VERIFICATION SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

##### 4.2.1.2.2 Number of Associations

The Verification SCU AE initiates one association at a time.

**Table 4.2-3**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE VERIFICATION SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 1 |

##### 4.2.1.2.3 Asynchronous Nature

The Verification SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-4**
**ASYNCHRONOUS NATURE FOR THE VERIFICATION SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

##### 4.2.1.2.4 Implementation Identifying Information

The implementation information for the Verification SCU AE is:

**Table 4.2-5**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE VERIFICATION SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.1.3 Association Initiation Policy

#### 4.2.1.3.1 Activity – Verify Connectivity

##### 4.2.1.3.1.1 Description and Sequencing of Activities

The Verification SCU AE attempts to initiate a new association in order to issue a verification request (C-ECHO).

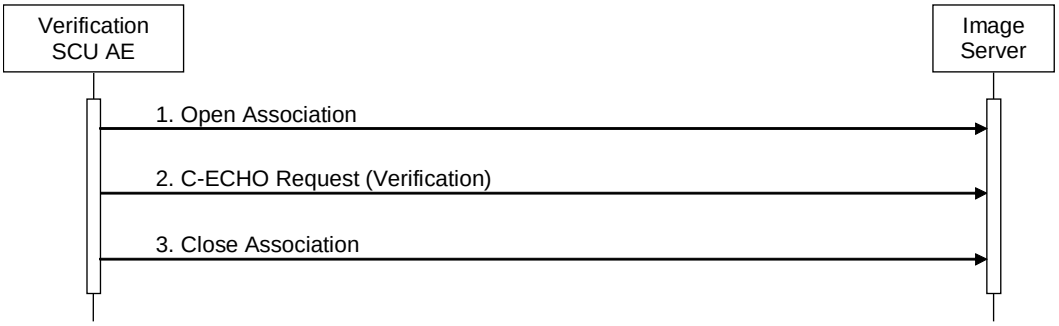


**Figure 4.2-1**
**SEQUENCING OF ACTIVITY – VERIFY CONNECTIVITY**

A possible sequence of interactions between the Verification SCU AE and an Image Server (e.g. a storage or archive device supporting the Verification SOP Classes as an SCP) is illustrated in the figure above:

1. The Verification SCU AE opens an association with the Image Server.
2. The Verification SCU AE issues a verification request (C-ECHO) and the Image Server replies with a C-ECHO response (status success).
3. The Verification SCU AE closes the association with the Image Server.

##### 4.2.1.3.1.2 Proposed Presentation Contexts

The Verification SCU AE will propose the Presentation Contexts shown in the following table:

**Table 4.2-6**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY VERIFY CONNECTIVITY**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Verification | 1.2.840.10008.1.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.1.3.1.3 SOP Specific Conformance for Verification SOP Class

The Verification SCU AE provides standard conformance to the Verification Service Class as an SCU.

The behavior of Verification SCU AE when encountering status codes in a C-ECHO response is summarized in the table below:

**Table 4.2-7**
**VERIFICATION RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The Verification SCU AE judges the remote AE is present and active on the network. |

The behavior of Verification SCU AE during communication failure is summarized in the table below:

**Table 4.2-8**
**VERIFICATION COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted and the failure reason is logged and reported to the user. |
| Association aborted by the SCP or network layers | The failure reason is logged and reported to the user. |

## 4.2.2 Verification SCP AE Specification

### 4.2.2.1 SOP Classes

The Verification SCP AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-9**
**SOP CLASSES FOR THE VERIFICATION SCP AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Verification | 1.2.840.10008.1.1 | No | Yes |

### 4.2.2.2 Association Policies

#### 4.2.2.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-10**
**DICOM APPLICATION CONTEXT FOR THE VERIFICATION SCP AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.2.2.2 Number of Associations

**Table 4.2-11**
**NUMBER OF ASSOCIATIONS ACCEPTED FOR THE VERIFICATION SCP AE**

| | |
|---|---|
| Maximum number of simultaneous associations | Unlimited |

#### 4.2.2.2.3 Asynchronous Nature

The Verification SCP AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-12**
**ASYNCHRONOUS NATURE FOR THE VERIFICATION SCP AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.2.2.4 Implementation Identifying Information

The implementation information for the Verification SCP AE is:

**Table 4.2-13**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE VERIFICATION SCP AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.2.3 Association Initiation Policy

The Verification SCP AE does not initiate associations.

### 4.2.2.4 Association Acceptance Policy

#### 4.2.2.4.1 Activity – Respond to Verification Request

##### 4.2.2.4.1.1 Description and Sequencing of Activities

When the Verification SCP AE accepts an association, it will respond to a verification request (C-ECHO).

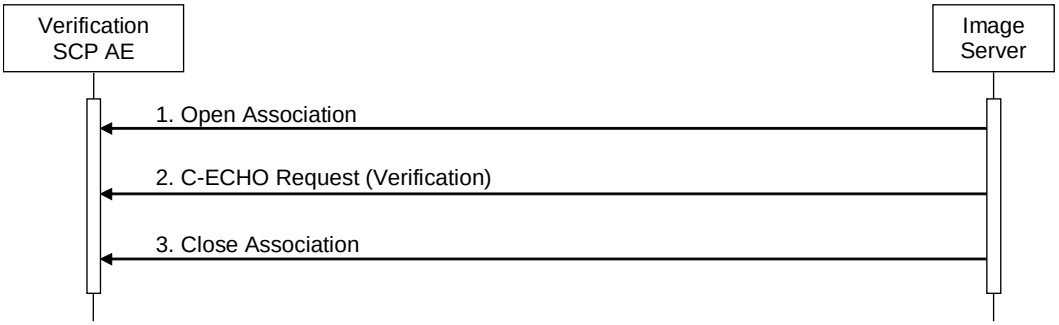


**Figure 4.2-2**
**SEQUENCING OF ACTIVITY – RESPOND TO VERIFICATION REQUEST**

A possible sequence of interactions between the Verification SCP AE and an Image Server (e.g. a storage or archive device supporting the Verification SOP Classes as an SCU) is illustrated in the figure above:

1. The Image Server opens an association with the Verification SCP AE.
2. The Image Server issues a verification request (C-ECHO) and the Verification SCP AE replies with a C-ECHO response (status success).
3. The Image Server closes the association with the Verification SCP AE.

The Verification SCP AE may reject association attempts as shown in the table below. The Result, Source and Reason/Diag columns represent the values returned in the appropriate fields of an ASSOCIATE-RJ PDU (see PS 3.8, Section 9.3.4). The contents of the Source column is abbreviated to save space and the meaning of the abbreviations are:

a. 1 - DICOM UL service-user

b. 2 - DICOM UL service-provider (ASCE related function)

**Table 4.2-14**
**ASSOCIATION REJECTION REASONS**

| Result | Source | Reason/Diag | Explanation |
|---|---|---|---|
| 1 – rejected-permanent | a | 3 – calling-AE-title-not-recognized | The association request contained an unrecognized calling AE Title. An association request with the same parameters will not succeed at a later time unless configuration changes are made. This rejection reason normally occurs when the association acceptor has not been configured to recognize the AE Title of the association initiator. |
| 1 – rejected-permanent | b | 1 – no-reason-given | The association request could not be parsed. An association request with the same format will not succeed at a later time. |

#### 4.2.2.4.1.2 Accepted Presentation Contexts

The default behavior of the Verification SCP AE supports the Implicit VR Little Endian and Explicit VR Little Endian transfer syntaxes. If the both transfer syntaxes are proposed per presentation context then the Verification SCP AE will select Explicit VR Little Endian transfer syntax.

**Table 4.2-15**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY RESPOND TO VERIFICATION REQUEST**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Verification | 1.2.840.10008.1.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCP | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.2.4.1.3 SOP Specific Conformance for Verification SOP Class

The Verification SCP AE provides standard conformance to the Verification Service Class as an SCP.

## 4.2.3 Storage SCU AE Specification

### 4.2.3.1 SOP Classes

The Storage SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-16**
**SOP CLASSES FOR THE STORAGE SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | Yes | No |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | | |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | | |
| Enhanced US Volume Storage | 1.2.840.10008.5.1.4.1.1.6.2 | | |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | | |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | | |

### 4.2.3.2 Association Policies

#### 4.2.3.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-17**
**DICOM APPLICATION CONTEXT FOR THE STORAGE SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.3.2.2 Number of Associations

The Storage SCU AE can initiate up to ten associations at a time for each destination to which a transfer request is being processed in the active job queue list. Up to ten jobs, that instances will be sent to the different remote hosts, will be active at a time, the other remains pending until the active job is completed or failed.

**Table 4.2-18**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE STORAGE SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 10 |

#### 4.2.3.2.3 Asynchronous Nature

The Storage SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-19**
**ASYNCHRONOUS NATURE FOR THE STORAGE SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.3.2.4 Implementation Identifying Information

The implementation information for the Storage SCU AE is:

**Table 4.2-20**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.3.3 Association Initiation Policy

#### 4.2.3.3.1 Activity – Send Instances

##### 4.2.3.3.1.1 Description and Sequencing of Activities

The Storage SCU AE attempts to initiate a new association in order to issue a storage request (C-STORE). If the job contains multiple instances then multiple C-STORE requests will be issued over the same association. If the instance transfer fails, the Storage SCU AE will retry this send-job automatically.

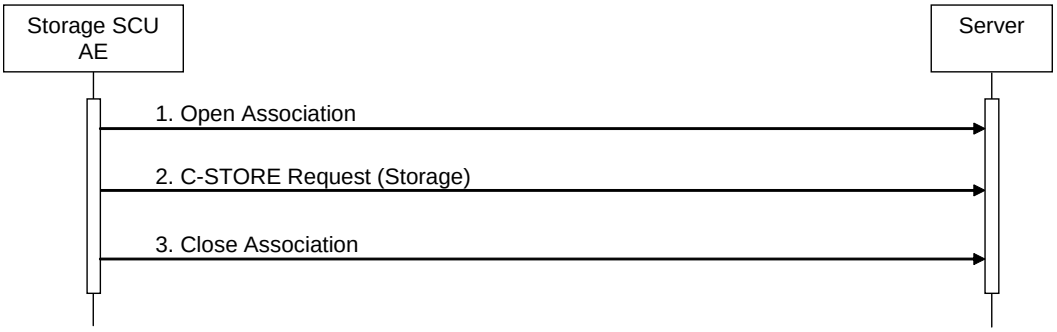


**Figure 4.2-3**
**SEQUENCING OF ACTIVITY – SEND INSTANCES**

A possible sequence of interactions between the Storage SCU AE and a Server (e.g. a storage or archive device supporting the Storage SOP Classes as an SCP) is illustrated in the Figure above:

1. The Storage SCU AE opens an association with the Server.
2. Acquired instances are transmitted to the Server using a storage request (C-STORE) and the Server replies with a C-STORE response (status success).
3. The Storage SCU AE closes the association with the Server.

#### 4.2.3.3.1.2 Proposed Presentation Contexts

The Storage SCU AE will propose the Presentation Contexts in the following table that shows one Presentation Context Item per row:

**Table 4.2-21**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY SEND INSTANCES**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Enhanced US Volume Storage | 1.2.840.10008.5.1.4.1.1.6.2 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

*1 JPEG Baseline (Process 1)
*2 JPEG Lossless, Non-Hierarchical, First-OrderPrediction (Process 14 [Selection Value 1])

#### 4.2.3.3.1.3 SOP Specific Conformance for Storage SOP Classes

The Storage SCU AE provides standard conformance to the Storage Service Class as an SCU.

The behavior of Storage SCU AE when encountering status codes in a C-STORE response is summarized in the table below:

**Table 4.2-22**
**STORAGE C-STORE RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has successfully stored the SOP Instance. If all SOP Instances in a send job have status success then the job is marked as complete. |
| * | * | Any other status code | The association is aborted and the send job is marked as failed. The status meaning is logged and the job failure is reported to the user via the job control application. |

The behavior of Storage SCU AE during communication failure is summarized in the table below:

**Table 4.2-23**
**STORAGE COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted and the send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |
| Association aborted by the SCP or network layers | The send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |

If the instance transfer fails, the Storage SCU AE will retry this send-job automatically (see Section 4.4.2).

The contents of Storage SOP Instances created by the Storage SCU AE conform to the IOD definitions and are described in section 8.1.

## 4.2.4 Storage Commitment SCU AE Specification

### 4.2.4.1 SOP Classes

The Storage Commitment SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-24**
**SOP CLASSES FOR THE STORAGE COMMITMENT SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Storage Commitment Push Model | 1.2.840.10008.1.20.1 | Yes | No |

### 4.2.4.2 Association Policies

#### 4.2.4.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-25**
**DICOM APPLICATION CONTEXT FOR THE STORAGE COMMITMENT SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.4.2.2 Number of Associations

The Storage Commitment SCU AE can initiate up to ten associations at a time.

**Table 4.2-26**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE STORAGE COMMITMENT SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 10 |

The Storage Commitment SCU AE accepts associations to receive N-EVENT-REPORT notifications for the Storage Commitment Push Model SOP Class.

**Table 4.2-27**
**NUMBER OF ASSOCIATIONS ACCEPTED FOR THE STORAGE COMMITMENT SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 10 |

#### 4.2.4.2.3 Asynchronous Nature

The Storage Commitment SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-28**
**ASYNCHRONOUS NATURE FOR THE STORAGE COMMITMENT SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.4.2.4 Implementation Identifying Information

The implementation information for the Storage Commitment SCU AE is:

**Table 4.2-29**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE COMMITMENT SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.4.3 Association Initiation Policy

#### 4.2.4.3.1 Activity – Commit Sent Instances

##### 4.2.4.3.1.1 Description and Sequencing of Activities

If the remote AE is configured as a Storage Commitment SCP AE, the Storage Commitment SCU AE will, after all instances have been sent, transmit a single storage commitment request (N-ACTION). Upon receiving the N-ACTION response the Storage Commitment SCU AE will release the association. The notification of storage commitment (N-EVENT-REPORT) will be received over a separate association.

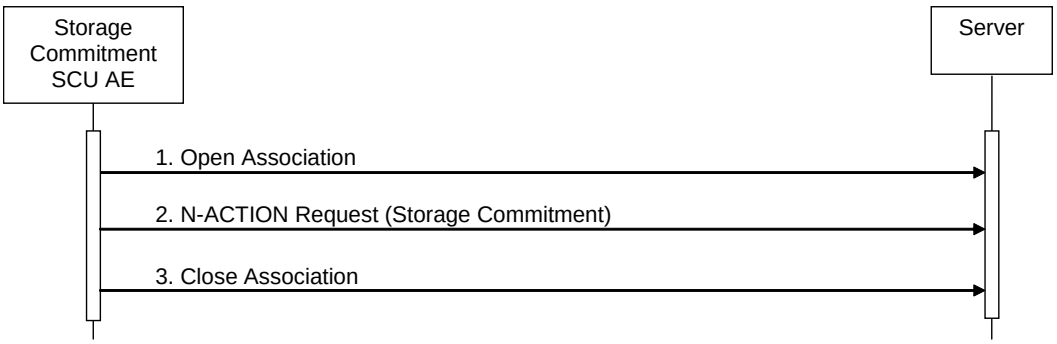


**Figure 4.2-4**
**SEQUENCING OF ACTIVITY – COMMIT SENT INSTANCES**

A possible sequence of interactions between the Storage Commitment SCU AE and a Server (e.g. a storage or archive device supporting the Storage Commitment SOP Classes as an SCP) is illustrated in the Figure above:

1. The Storage Commitment SCU AE opens an association with the Server.
2. A storage commitment request (N-ACTION) is transmitted to the Server to obtain storage commitment of previously transmitted instances. The Server replies with an N-ACTION response indicating the request has been received and is being processed.
3. The Storage Commitment SCU AE closes the association with the Server.

Note: The N-EVENT-REPORT will be sent over a separate association initiated by the Server (see Section 4.2.4.4.1).

#### 4.2.4.3.1.2 Proposed Presentation Contexts

The Storage Commitment SCU AE will propose the Presentation Contexts shown in the following table:

**Table 4.2-30**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY COMMIT SENT INSTANCES**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Storage Commitment Push Model | 1.2.840.10008.1.20.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

A Presentation Context for the Storage Commitment Push Model will only be proposed if the remote AE is configured as a Storage Commitment SCP AE.

#### 4.2.4.3.1.3 SOP Specific Conformance for Storage Commitment SOP Class

##### 4.2.4.3.1.3.1 Storage Commitment Operations (N-ACTION)

The Storage Commitment SCU AE provides standard conformance to the Storage Commitment Service Class as an SCU.

The Storage Commitment SCU AE will request storage commitment for instances of the Storage SOP Classes if the remote AE is configured as a Storage Commitment SCP AE and a presentation context for the Storage Commitment Push Model has been accepted.

The behavior of Storage SCU Commitment AE when encountering status codes in an N-ACTION response is summarized in the table below:

**Table 4.2-31**
**STORAGE COMMITMENT N-ACTION RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The request for storage commitment is considered successfully sent.<br>A timer is started which will expire if no N-EVENT-REPORT for the Transaction UID is received within a configurable timeout period. |
| * | * | Any other status code | The association is aborted and the request for storage commitment is marked as failed. |

The behavior of Storage Commitment AE during communication failure is summarized in the table below:

**Table 4.2-32**
**STORAGE COMMITMENT COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted and the send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |
| Association aborted by the SCP or network layers | The send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |

If the instance transfer fails, the Storage Commitment AE will retry this send-job automatically (see Section 4.4.2).

### 4.2.4.4 Association Acceptance Policy

#### 4.2.4.4.1 Activity – Receive Storage Commitment Response

##### 4.2.4.4.1.1 Description and Sequencing of Activities

The Storage Commitment SCU AE will accept associations in order to receive responses to a storage commitment request.

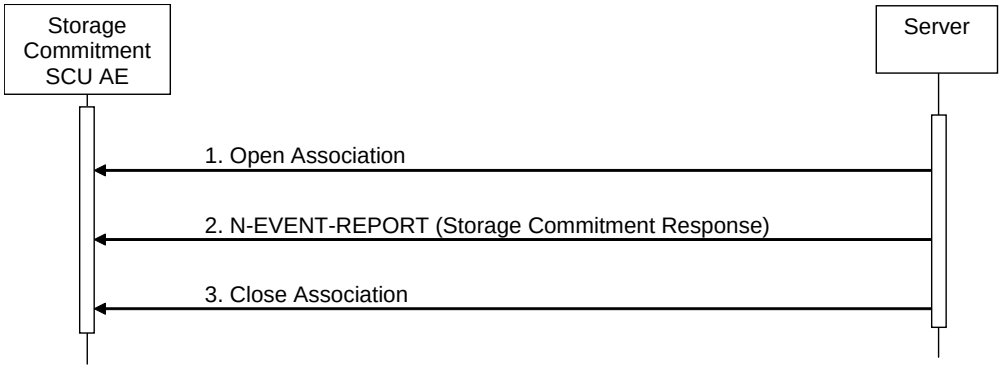


**Figure 4.2-5**
**SEQUENCING OF ACTIVITY - RECEIVE STORAGE COMMITMENT RESPONSE**

A possible sequence of interactions between the Storage Commitment SCU AE and a Server (e.g. a storage or archive device supporting Storage Commitment SOP Classes as an SCP) is illustrated in the Figure above:

1. The Server opens an association with the Storage Commitment SCU AE.
2. The Server sends an N-EVENT-REPORT request notifying the Storage SCU AE of the status of a previous storage commitment request. The Storage SCU AE replies with an N-EVENT-REPORT response confirming receipt.
3. The Server closes the association with the Storage Commitment SCU AE.

The Storage Commitment SCU AE may reject association attempts as shown in the Table 4.2-14.

#### 4.2.4.4.1.2 Accepted Presentation Contexts

The Storage Commitment SCU AE will accept Presentation Contexts shown in the table below.

**Table 4.2-33**
**ACCEPTABLE PRESENTATION CONTEXTS FOR ACTIVITY RECEIVE STORAGE COMMITMENT RESPONSE**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Storage Commitment Push Model | 1.2.840.10008.1.20.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.4.4.1.3 SOP Specific Conformance for Storage Commitment SOP Class

##### 4.2.4.4.1.3.1 Storage Commitment Notifications (N-EVENT-REPORT)

The Storage Commitment SCU AE provides standard conformance to the Storage Commitment Service Class as an SCU.

The behavior of Storage Commitment SCU AE when receiving Event Types within the N-EVENT-REPORT is summarized in the table below.

**Table 4.2-34**
**STORAGE COMMITMENT N-EVENT-REPORT BEHAVIOUR**

| Event Type Name | Event Type ID | Behavior |
|---|---|---|
| Storage Commitment Request Successful | 1 | The Storage Commitment SCU AE permits the operator(s) to delete the Referenced SOP Instances under Referenced SOP Sequence (0018,1199), or deletes the Instances from the local database automatically. |
| Storage Commitment Request Complete – Failures Exist | 2 | The Storage Commitment SCU AE requests the Storage SCU AE to send the Referenced SOP Instances under Failed SOP Sequence (0018,1198). |

The reasons for returning specific status codes in a N-EVENT-REPORT response are summarized in the table below.

**Table 4.2-35**
**STORAGE COMMITMENT N-EVENT-REPORT RESPONSE STATUS REASONS**

| Service Status | Further Meaning | Status Code | Reasons |
|---|---|---|---|
| Success | Success | 0000 | The storage commitment result has been successfully received. |
| Failure | Processing Failure | 0110H | An internal error occurred during processing of the N-EVENT-REPORT. A short description of the error will be returned in Error Comment (0000,0902). |

## 4.2.5 MWM SCU AE Specification

### 4.2.5.1 SOP Classes

The MWM SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-36**
**SOP CLASSES FOR THE MWM SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Modality Worklist Information Model – FIND | 1.2.840.10008.5.1.4.31 | Yes | No |

### 4.2.5.2 Association Policies

#### 4.2.5.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-37**
**DICOM APPLICATION CONTEXT FOR THE MWM SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.5.2.2 Number of Associations

The MWM SCU AE initiates one association at a time for a worklist request.

**Table 4.2-38**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE MWM SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 1 |

#### 4.2.5.2.3 Asynchronous Nature

The MWM SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-39**
**ASYNCHRONOUS NATURE FOR THE MWM SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.5.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

**Table 4.2-40**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE MWM SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.5.3 Association Initiation Policy

#### 4.2.5.3.1 Activity – Update Worklist

##### 4.2.5.3.1.1 Description and Sequencing of Activities

The request for an "Update Worklist" is initiated by user interaction, i.e. pressing the buttons "Get Worklist" or automatically at the time of patient registration.

Upon initiation of the request, the MWM SCU AE will build an Identifier for the C-FIND request, will initiate an association to send the request and will wait for worklist responses. After retrieval of all responses, the MWM SCU AE will access the local database to add or update patient demographic data. The results will be displayed in a separate list.

The MWM SCU AE will initiate an association in order to issue a C-FIND request according to the Modality Worklist Information Model.

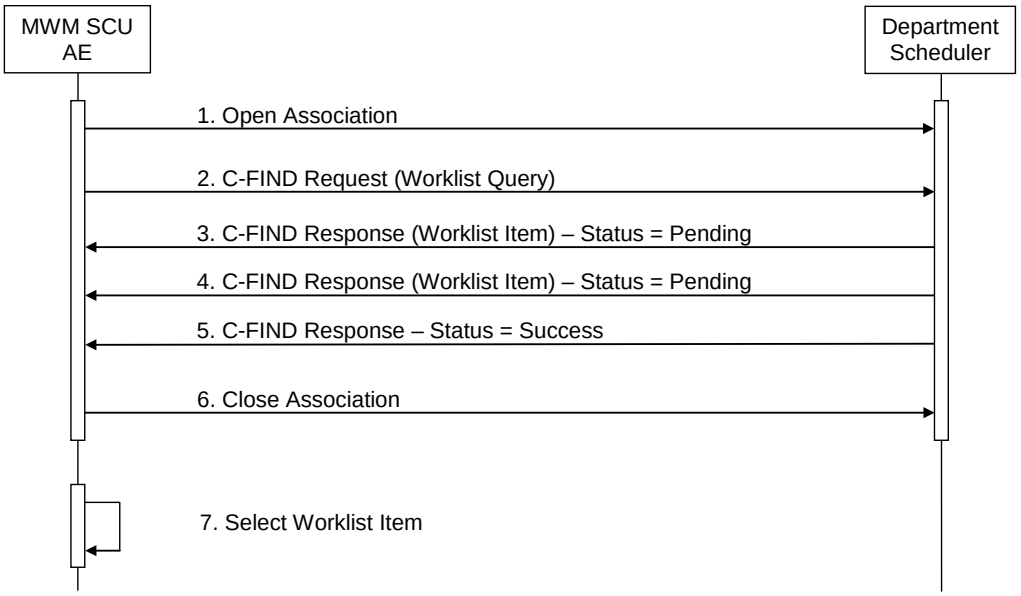


**Figure 4.2-6**
**SEQUENCING OF ACTIVITY – UPDATE WORKLIST**

A possible sequence of interactions between the MWM SCU AE and a Department Scheduler (e.g. a device such as a RIS or HIS which supports the Modality Worklist SOP Class as an SCP) is illustrated in the Figure above:

1. The MWM SCU AE opens an association with the Department Scheduler
2. The MWM SCU AE sends a C-FIND request to the Department Scheduler containing the Worklist Query attributes.
3. The Department Scheduler returns a C-FIND response containing the requested attributes of the first matching worklist item.
4. The Department Scheduler returns another C-FIND response containing the requested attributes of the second matching worklist item.
5. The Department Scheduler returns another C-FIND response with status Success indicating that no further matching worklist items exist. This example assumes that only 2 worklist items match the Worklist Query.
6. The MWM SCU AE closes the association with the Department Scheduler.
7. The user selects a worklist item from the Worklist and prepares to acquire new instances.

#### 4.2.5.3.1.2 Proposed Presentation Contexts

The MWM SCU AE will propose Presentation Contexts shown in the following table:

**Table 4.2-41**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY UPDATE WORKLIST**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Modality Worklist Information Model – FIND | 1.2.840.10008.5.1.4.31 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.5.3.1.3 SOP Specific Conformance for Modality Worklist SOP Class

The MWM SCU AE provides standard conformance to the Modality Worklist SOP Class as an SCU.

The behavior of the MWM SCU when encountering status codes in a Modality Worklist C-FIND response is summarized in the table below.

**Table 4.2-42**
**MODALITY WORKLIST C-FIND RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Matching is complete | 0000 | The SCP has completed the matches. Worklist items are available for display or further processing. |
| * | * | Any other status code | The association is aborted using A-ABORT and the status meaning is logged. |

The behavior of the MWM SCU AE during communication failure is summarized in the table below.

**Table 4.2-43**
**MODALITY WORKLIST COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted using A-ABORT and the reason is logged. |
| Unsupported character sets | |
| Association aborted by the SCP or network layers | The reason is logged. |

Acquired instances will always use the Study Instance UID specified for the Scheduled Procedure Step (if available). If an acquisition is unscheduled, a Study Instance UID will be generated locally.

The table below provides a description of the MWM SCU AE Worklist Request Identifier and specifies the attributes that are copied into the instances. Unexpected attributes returned in a C-FIND response are ignored.

**Table 4.2-44**
**WORKLIST REQUEST IDENTIFIER**

| Module Name<br>Attribute Name | Tag | VR | M | R | D | IOD |
|---|---|---|---|---|---|---|
| **SOP Common** | | | | | | |
| Specific Character Set | (0008,0005) | CS | | | | |
| **Scheduled Procedure Step** | | | | | | |
| Scheduled Procedure Step Sequence | (0040,0100) | SQ | | | | |
| >Modality | (0008,0060) | CS | S | x | x | |
| >Requested Contrast Agent | (0032,1070) | LO | | x | | |
| >Scheduled Station AE Title | (0040,0001) | AE | S,* | x | x | |
| >Scheduled Procedure Step Start Date | (0040,0002) | DA | S,R | | x | |
| >Scheduled Procedure Step Start Time | (0040,0003) | TM | R | | x | |
| >Scheduled Procedure Step End Date | (0040,0004) | DA | | x | | |
| >Scheduled Procedure Step End Time | (0040,0005) | TM | | x | | |
| >Scheduled Performing Physician's Name | (0040,0006) | PN | | x | x | |
| >Scheduled Procedure Step Description | (0040,0007) | LO | | x | x | x |
| >Scheduled Protocol Code Sequence | (0040,0008) | SQ | | | | x |
| >>Code Value | (0008,0100) | SH | | x | x | x |
| >>Coding Scheme Designator | (0008,0102) | SH | | x | x | x |
| >>Coding Scheme Version | (0008,0103) | SH | | x | x | x |
| >>Code Meaning | (0008,0104) | LO | | x | x | x |
| >Scheduled Procedure Step ID | (0040,0009) | SH | | x | x | x |
| >Scheduled Station Name | (0040,0010) | SH | | x | | |
| >Scheduled Procedure Step Location | (0040,0011) | SH | | x | | |
| >Pre-Medication | (0040,0012) | LO | | x | | |
| >Scheduled Procedure Step Status | (0040,0020) | CS | | x | | |
| >Comments on the Scheduled Procedure Step | (0040,0400) | LT | | x | | |
| **Repuestd Prcedure** | | | | | | |
| Referenced Study Sequence | (0008,1110) | SQ | | | | x |
| >Referenced SOP Class UID | (0008,1150) | UI | | x | | x |
| >Referenced SOP Instance UID | (0008,1155) | UI | | x | | X |
| Study Instance UID | (0020,000D) | UI | | x | | X |
| Requested Procedure Description | (0032,1060) | LO | | x | x | X |
| Requested Procedure Code Sequence | (0032,1064) | SQ | | | | X |
| >Code Value | (0008,0100) | SH | | x | | X |
| >Coding Scheme Designator | (0008,0102) | SH | | x | | X |
| >Coding Scheme Version | (0008,0103) | SH | | x | | X |
| >Code Meaning | (0008,0104) | LO | | x | | X |
| Requested Procedure ID | (0040,1001) | SH | S | x | x | X |
| Reason for the Requested Procedure | (0040,1002) | LO | | x | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Requested Procedure Priority | (0040,1003) | SH | | x | | |
| Patient Transport Arrangements | (0040,1004) | LO | | x | | |
| Requested Procedure Location | (0040,1005) | LO | | x | | |
| Confidentiality Code | (0040,1008) | LO | | x | | |
| Reporting Priority | (0040,1009) | SH | | x | | |
| Names of Intended Recipients of Results | (0040,1010) | PN | | x | | |
| Requested Procedure Comments | (0040,1400) | LT | | x | | |
| **Imaging Service Request** | | | | | | |
| Accession Number | (0008,0050) | SH | S,* | x | x | X |
| Referring Physician's Name | (0008,0090) | PN | | x | x | X |
| Requesting Physician | (0032,1032) | PN | | x | x | X |
| Requesting Service | (0032,1033) | LO | | x | | X |
| Issue Date of Imaging Service Request | (0040,2004) | DA | | x | | |
| Issue Time of Imaging Service Request | (0040,2005) | TM | | x | | |
| Order Entered By | (0040,2008) | PN | | x | | |
| Order Enterer's Location | (0040,2009) | SH | | x | | |
| Order Callback Phone Number | (0040,2010) | SH | | x | | |
| Placer Order Number/Imaging Service Request | (0040,2016) | LO | | x | | |
| Filler Order Number/Imaging Service Request | (0040,2017) | LO | | x | | |
| Imaging Service Request Comments | (0040,2400) | LT | | x | | |
| **Visit Identification** | | | | | | |
| Institution Name | (0008,0080) | LO | | x | | |
| Institution Address | (0008,0081) | ST | | x | | |
| Institution Code Sequence | (0008,0082) | SQ | | | | |
| >Code Value | (0008,0100) | SH | | x | | |
| >Coding Scheme Designator | (0008,0102) | SH | | x | | |
| >Coding Scheme Version | (0008,0103) | SH | | x | | |
| >Code Meaning | (0008,0104) | LO | | x | | |
| Admission ID | (0038,0010) | LO | | x | | |
| **Visit Staus** | | | | | | |
| Visit Status ID | (0038,0008) | CS | | x | | |
| Current Patient Location | (0038,0300) | LO | | x | | |
| Patient's Institution Residence | (0038,0400) | LO | | x | x | |
| Visit Comments | (0038,4000) | LT | | x | | |
| **Visit Admission** | | | | | | |
| Referring Physician's Address | (0008,0092) | ST | | x | | |
| Referring Physician's Telephone Numbers | (0008,0094) | SH | | x | | |
| Admitting Diagnoses Description | (0008,1080) | LO | | x | | x |
| Admitting Diagnosis Code Sequence | (0008,1084) | SQ | | | | |
| >Code Value | (0008,0100) | SH | | x | | |
| >Coding Scheme Designator | (0008,0102) | SH | | x | | |
| >Coding Scheme Version | (0008,0103) | SH | | x | | |
| >Code Meaning | (0008,0104) | LO | | x | | |
| Route of Admissions | (0038,0016) | LO | | x | | |
| Admitting Date | (0038,0020) | DA | | x | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Admitting Time | (0038,0021) | TM | | x | | |
| **Visit Relationship** | | | | | | |
| Referenced Patient Sequence | (0008,1120) | SQ | | | | x |
| >Referenced SOP Class UID | (0008,1150) | UI | | x | | x |
| >Referenced SOP Instance UID | (0008,1155) | UI | | x | | x |
| **Patient Relationship** | | | | | | |
| Referenced Patient Alias Sequence | (0038,0004) | SQ | | | | |
| >Referenced SOP Class UID | (0008,1150) | UI | | x | | |
| >Referenced SOP Instance UID | (0008,1155) | UI | | x | | |
| **Patient Identification** | | | | | | |
| Patient’s Name | (0010,0010) | PN | * | x | x | x |
| Patient ID | (0010,0020) | LO | S,* | x | x | x |
| Issuer of Patient ID | (0010,0021) | LO | | x | | |
| Other Patient IDs | (0010,1000) | LO | | x | | x |
| Other Patient Names | (0010,1001) | PN | | x | | x |
| Patient's Birth Name | (0010,1005) | PN | | x | | x |
| Patient's Mother's Birth Name | (0010,1060) | PN | | x | | x |
| Medical Record Locator | (0010,1090) | LO | | x | | x |
| **Patient Demographic** | | | | | | |
| Patient’s Birth Date | (0010,0030) | DA | | x | x | x |
| Patient’s Birth Time | (0010,0032) | TM | | x | | x |
| Patient’s Sex | (0010,0040) | CS | | x | x | x |
| Patient’s Insurance Plan Code Sequence | (0010,0050) | SQ | | | | |
| >Code Value | (0008,0100) | SH | | x | | |
| >Coding Scheme Designator | (0008,0102) | SH | | x | | |
| >Coding Scheme Version | (0008,0103) | SH | | x | | |
| >Code Meaning | (0008,0104) | LO | | x | | |
| Patient's Age | (0010,1010) | AS | | x | x | x |
| Patient’s Size | (0010,1020) | DS | | x | x | x |
| Patient’s Weight | (0010,1030) | DS | | x | x | x |
| Patient's Address | (0010,1040) | LO | | x | | |
| Military Rank | (0010,1080) | LO | | x | | x |
| Branch of Service | (0010,1081) | LO | | x | | x |
| Country of Residence | (0010,2150) | LO | | x | | x |
| Region of Residence | (0010,2152) | LO | | x | | x |
| Patient's Telephone Numbers | (0010,2154) | SH | | x | | x |
| Ethnic Group | (0010,2160) | SH | | x | | x |
| Occupation | (0010,2180) | SH | | x | | x |
| Patient's Religious Preference | (0010,21F0) | LO | | x | | x |
| Patient Comments | (0010,4000) | LT | | x | x | x |
| Confidentiality Constraint on Patient Data Desctiption | (0040,3001) | LO | | x | | x |
| **Patient Medical** | | | | | | |
| Medical Alerts | (0010,2000) | LO | | x | | x |
| Allergies | (0010,2110) | LO | | x | | x |
| Smoking Status | (0010,21A0) | CS | | x | | x |

| | | | | | | |
|---|---|---|---|---|---|---|
| Additional Patient History | (0010,21B0) | LT | | x | | x |
| Pregnancy Status | (0010,21C0) | US | | x | | x |
| Last Menstrual Date | (0010,21D0) | DA | | x | x | |
| Special Needs | (0038,0050) | LO | | x | | x |
| Patient State | (0038,0500) | LO | | x | | x |
| **Other Attributes** | | | | | | |
| Study Description | (0008,1030) | LO | | x | x | x |
| Institutional Department Name | (0008,1040) | LO | | x | x | x |
| Operators' Name | (0008,1070) | PN | | x | x | x |

The above table should be read as follows:

Module Name: The name of the associated module for supported worklist attributes.

Attribute Name: Attributes supported to build the MWM SCU AE Worklist Request Identifier.

Tag: DICOM tag for this attribute.

VR: DICOM VR for this attribute.

M: Matching keys for (automatic) Worklist Update.
S: Single Value Matching
R: Range Matching
*: Wild Card Matching

R: Return keys. An "x" will indicate that the MWM SCU AE will supply this attribute as Return Key with zero length for Universal Matching. This setting can be configured using the service tool.

D: Displayed keys. An "x" indicates that this worklist attribute is displayed to the user during a patient registration. For example, Patient Name will be displayed when registering the patient prior to an examination.

IOD: An "x" indicates that this worklist attribute is included into all Object Instances created during performance of the related Procedure Step.

Notes: Specific Character Set (0008,0005) will be created if an extended or replacement character set is used in the matching keys.

Patient's Institution Residence (0038,0400) will be displayed as *In Patient* or *Out Patient* when matching the following string: Inpatient or Outpatient.

In the default setting, Study Description (0008,1030) will be displayed at *Exam Type* when matching the following exam types: Abdomen, Carotid, Thyroid, Breast, OB, GYN, Endo-Vaginal, Fetal Heart, Adult Heart, Pediatric Heart, Coronary, TCD, Neo-Head, Neo-General, Neo-Hip, PV Venous, PV Arterial, Digits, MSK, Prostate, Kidney, Testes, OTHER or M-TEE. They can be also configured to correspond to user-defined terms, and it is selectable where to set those terms: Study Description (0008,1030), Scheduled Procedure Step Description (0040,0007), or Requested Procedure Description (0032,1060).

### 4.2.5.4 Association Acceptance Policy

The MWM SCU AE does not accept associations.

## 4.2.6 MPPS SCU AE Specification

### 4.2.6.1 SOP Classes

The MPPS SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-45**
**SOP CLASSES FOR THE MPPS SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Modality Performed Procedure Step | 1.2.840.10008.3.1.2.3.3 | Yes | No |

### 4.2.6.2 Association Policies

#### 4.2.6.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-46**
**DICOM APPLICATION CONTEXT FOR THE MPPS SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.6.2.2 Number of Associations

The MPPS SCU AE initiates one association at a time.

**Table 4.2-47**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE MPPS SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 1 |

#### 4.2.6.2.3 Asynchronous Nature

The MPPS SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-48**
**ASYNCHRONOUS NATURE FOR THE MPPS SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.6.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

**Table 4.2-49**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE MPPS SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.6.3 Association Initiation Policy

#### 4.2.6.3.1 Activity – Acquire Instances

##### 4.2.6.3.1.1 Description and Sequencing of Activities

The MPPS SCU AE performs the creation of an MPPS instance automatically when the user selects and starts a worklist item. Further updates on the MPPS data can be performed when the user completes the acquisition.

The MPPS SCU AE will initiate an association to issue an:

— N-CREATE request according to the CREATE Modality Performed Procedure Step SOP Instance operation, or an:

— N-SET request to update the contents and state of the MPPS according to the SET Modality Performed Procedure Step Information operation.

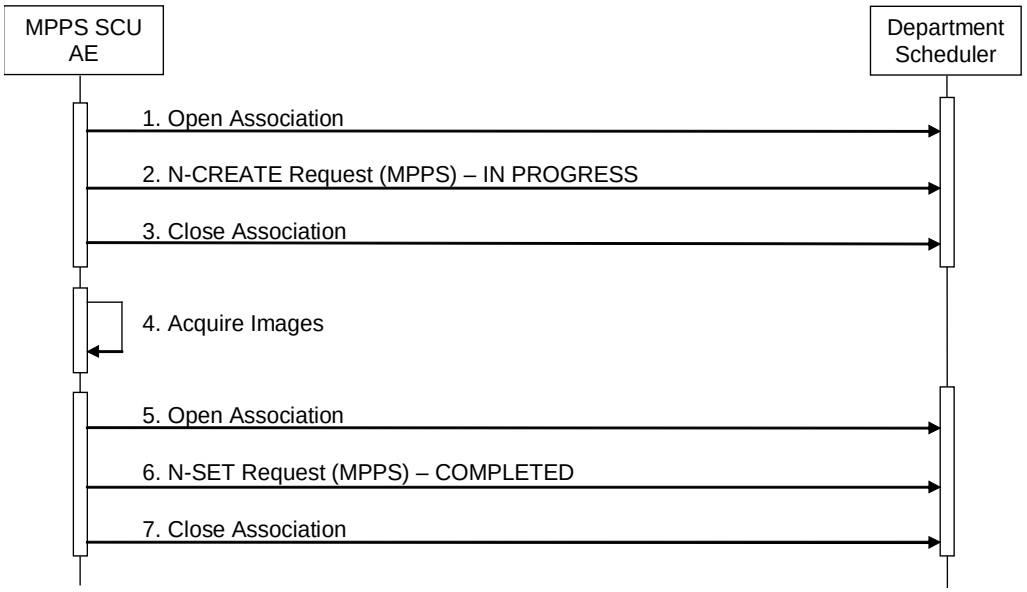


**Figure 4.2-7**
**SEQUENCING OF ACTIVITY – ACQUIRE INSTANCES**

A possible sequence of interactions between the MPPS SCU AE and a Department Scheduler (e.g. a device such as a RIS or HIS which supports the MPPS SOP Class as an SCP) is illustrated in the Figure above:

1. The MPPS SCU AE opens an association with the Department Scheduler
2. The MPPS SCU AE sends an N-CREATE request to the Department Scheduler to create an MPPS instance with status of "IN PROGRESS" and create all necessary attributes. The Department Scheduler acknowledges the MPPS creation with an N-CREATE response (status success).
3. The MPPS SCU AE closes the association with the Department Scheduler.
4. All instances are acquired and stored in the local database.
5. The MPPS SCU AE opens an association with the Department Scheduler.
6. The MPPS SCU AE sends an N-SET request to the Department Scheduler to update the MPPS instance with status of "COMPLETED" and set all necessary attributes. The Department Scheduler acknowledges the MPPS update with an N-SET response (status success).
7. The MPPS SCU AE closes the association with the Department Scheduler.

#### 4.2.6.3.1.2 Proposed Presentation Contexts

The MPPS SCU AE will propose Presentation Contexts shown in the following table:

**Table 4.2-50**
**PROPOSED PRESENTATION CONTEXTS FOR REAL-WORLD ACTIVITY ACQUIRE INSTANCES**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Modality Performed Procedure Step | 1.2.840.10008.3.1.2.3.3 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.6.3.1.3 SOP Specific Conformance for MPPS SOP Class

The MPPS SCU AE provides standard conformance to the Modality Performed Procedure Step SOP Class as an SCU.

The behavior of the MPPS SCU AE when encountering status codes in an MPPS N-CREATE or N–SET response is summarized in the table below.

**Table 4.2-51**
**MPPS N-CREATE / N-SET RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. |
| * | * | Any other status code | The association is aborted and the MPPS is marked as failed. The status meaning is logged and reported to the user. |

The behavior of the MPPS SCU AE during communication failure is summarized in the table below:

**Table 4.2-52**
**MPPS COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted and MPPS is marked as failed. The reason is logged and reported to the user. |
| Association aborted by the SCP or network layers | The MPPS is marked as failed. The reason is logged and reported to the user. |

The table below provides a description of the MPPS N-CREATE and N-SET request identifiers sent by the MPPS SCU AE. Empty cells in the N-CREATE and N-SET columns indicate that the attribute is not sent. An "x" indicates that an appropriate value will be sent. A "Zero length" attribute will be sent with zero length.

**Table 4.2-53**
**MPPS N-CREATE / N-SET REQUEST IDENTIFIER**

| Attribute Name | Tag | VR | N-CREATE | N-SET |
|---|---|---|---|---|
| Specific Character Set | (0008,0005) | CS | Created, if an extended or replacement character set is used. Refer to 6.SUPPORT OF CHARACTER SETS | Created, if an extended or replacement character set is used. Refer to 6.SUPPORT OF CHARACTER SETS |
| **Performed Procedure Step Relationship** | | | | |
| Scheduled Step Attributes Sequence | (0040,0270) | SQ | Always set | |
| >Study Instance UID | (0020,000D) | UI | From Modality Worklist | |
| >Referenced Study Sequence | (0008,1110) | SQ | From Modality Worklist | |
| >>Referenced SOP Class UID | (0008,1150) | UI | From Modality Worklist | |
| >>Referenced SOP Instance UID | (0008,1155) | UI | From Modality Worklist | |
| >Accession Number | (0008,0050) | SH | From Modality Worklist | |
| >Placer Order Number/Imaging Service Request | (0040,2016) | LO | Zero length | |
| >Filler Order Number/Imaging Service Request | (0040,2017) | LO | Zero length | |
| >Requested Procedure ID | (0040,1001) | SH | From Modality Worklist | |
| >Requested Procedure Description | (0032,1060) | LO | From Modality Worklist | |
| >Scheduled Procedure Step ID | (0040,0009) | SH | From Modality Worklist | |
| >Scheduled Procedure Step Description | (0040,0007) | LO | From Modality Worklist | |
| >Scheduled Protocol Code Sequence | (0040,0008) | SQ | From Modality Worklist | |
| Patient's Name | (0010,0010) | PN | From Modality Worklist or user input | |
| Patient ID | (0010,0020) | LO | From Modality Worklist or user input | |
| Patient's Birth Date | (0010,0030) | DA | From Modality Worklist or user input | |
| Patient's Sex | (0010,0040) | CS | From Modality Worklist or user input | |
| Referenced Patient Sequence | (0008,1120) | SQ | From Modality Worklist | |
| >Referenced SOP Class UID | (0008,1150) | UI | From Modality Worklist | |
| >Referenced SOP Instance UID | (0008,1155) | UI | From Modality Worklist | |
| **Performed Procedure Step Information** | | | | |
| Performed Procedure Step ID | (0040,0253) | SH | x | |
| Performed Station AE Title | (0040,0241) | AE | MPPS SCU AE Title | |
| Performed Station Name | (0040,0242) | SH | From configuration | |
| Performed Location | (0040,0243) | SH | Zero length | |
| Performed Procedure Step Start Date | (0040,0244) | DA | Actual start date | |
| Performed Procedure Step Start Time | (0040,0245) | TM | Actual start time | |
| Performed Procedure Step Status | (0040,0252) | CS | IN PROGRESS | COMPLETED or DISCONTINUED |
| Performed Procedure Step Description | (0040,0254) | LO | x | x |
| Performed Procedure Type Description | (0040,0255) | LO | Zero length | Zero length |
| Procedure Code Sequence | (0008,1032) | SQ | Zero or more items | Zero or more items |

| | | | | |
|---|---|---|---|---|
| Performed Procedure Step End Date | (0040,0250) | DA | Zero length | Actual end date |
| Performed Procedure Step End Time | (0040,0251) | TM | Zero length | Actual end time |
| Comments on the Performed Procedure Step | (0040,0280) | ST | Zero length | Zero length |
| Performed Procedure Step Discontinuation Reason Code Sequence | (0040,0281) | SQ | | Zero or one item |
| >Code Value | (0008,0100) | SH | | x |
| >Coding Scheme Designator | (0008,0102) | SH | | x |
| >Coding Scheme Version | (0008,0103) | SH | | x |
| >Code Meaning | (0008,0104) | LO | | User input |
| **Image Acquisition Results** | | | | |
| Modality | (0008,0060) | CS | US | |
| Study ID | (0020,0010) | SH | x | |
| Performed Protocol Code Sequence | (0040,0260) | SQ | Zero or more items | Zero or more items |
| Performed Series Sequence | (0040,0340) | SQ | One or more items | One or more items |
| >Performing Physician's Name | (0008,1050) | PN | From Modality Worklist or user input | x |
| >Protocol Name | (0018,1030) | LO | x | x |
| >Operators' Name | (0008,1070) | PN | From Modality Worklist or user input | From Modality Worklist or user input |
| >Series Instance UID | (0020,000E) | UI | x | x |
| >Series Description | (0008,103E) | LO | Zero length | Zero length |
| >Retrieve AE Title | (0008,0054) | AE | Zero length | Zero length |
| >Referenced Image Sequence | (0008,1140) | SQ | Zero or more items | One or more items |
| >>Referenced SOP Class UID | (0008,1150) | UI | x | x |
| >>Referenced SOP Instance UID | (0008,1155) | UI | x | x |
| >Referenced Non-Image Composite SOP Instance Sequence | (0040,0220) | SQ | Zero length | Zero length |
| **Radiation Dose** | | | | |
| Anatomic Structure, Space or RegionSequence | (0008,2229) | SQ | Zero or more items | Zero or more items |
| Total Time of Fluoroscopy | (0040,0300) | US | Zero length | Zero length |
| Total Number of Exposures | (0040,0301) | US | Zero length | Zero length |
| Distance Source to Detector | (0018,1110) | DS | Zero length | Zero length |
| Comments on Radiation Dose | (0040,0310) | ST | Zero length | Zero length |
| Distance Source to Entrance | (0040,0306) | DS | Zero length | Zero length |
| Entrance Dose | (0040,0302) | US | Zero length | Zero length |
| Exposed Area | (0040,0303) | US | Zero length | Zero length |
| Entrance Dose in mGy | (0040,8302) | DS | Zero length | Zero length |
| Image Area Dose Product | (0018,115E) | DS | Zero length | Zero length |
| Exposure Dose Sequence | (0040,030E) | SQ | Zero or more items | Zero or more items |
| **Billing and Material Code** | | | | |
| Billing Procedure Step Sequence | (0040,0320) | SQ | Zero or more items | Zero or more items |
| >Code Value | (0008,0100) | SH | | x |
| >Coding Scheme Designator | (0008,0102) | SH | | x |
| >Code Meaning | (0008,0104) | LO | | x |
| Film Consumption Sequence | (0040,0321) | SQ | Zero or more items | Zero or more items |
| >Number of Films | (2100,0170) | IS | | x |
| >Medium Type | (2000,0030) | CS | | x |

| | | | | |
|---|---|---|---|---|
| >Film Size ID | (2010,0050) | CS | | x |
| Billing Supplies and Devices Sequence | (0040,0324) | SQ | Zero or more items | Zero or more items |
| >Quantity Sequence | (0040,0293) | SQ | | x |
| >>Quantity | (0040,0294) | DS | | x |
| >>Measuring Units Sequence | (0040,0295) | SQ | Zero or more items | Zero or more items |
| >>>Code Value | (0008,0100) | SH | | x |
| >>>Coding Scheme Designator | (0008,0102) | SH | | x |
| >>>Code Meaning | (0008,0104) | LO | | x |

#### 4.2.6.4 Association Acceptance Policy

The MPPS SCU AE does not accept associations.

## 4.2.7 Q/R SCU AE Specification

### 4.2.7.1 SOP Classes

The Q/R SCU AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-54**
**SOP CLASSES FOR THE Q/R SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Study Root Q/R Information Model – Find | 1.2.840.10008.5.1.4.1.2.2.1 | Yes | No |
| Study Root Q/R Information Model – Move | 1.2.840.10008.5.1.4.1.2.2.2 | | |

### 4.2.7.2 Association Policies

#### 4.2.7.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-55**
**DICOM APPLICATION CONTEXT FOR THE Q/R SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.7.2.2 Number of Associations

The Q/R SCU AE initiates one association at a time.

**Table 4.2-56**
**NUMBER OF ASSOCIATIONS INITIATED FOR THE Q/R SCU AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 1 |

#### 4.2.7.2.3 Asynchronous Nature

The Q/R SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-57**
**ASYNCHRONOUS NATURE FOR THE Q/R SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.7.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

**Table 4.2-58**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE Q/R SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.7.3 Association Initiation Policy

#### 4.2.7.3.1 Activity – Query and Retrieve Instances

##### 4.2.7.3.1.1 Description and Sequencing of Activities

The Q/R SCU AE is activated when the user selects a remote node to query and enters some key information, Patient's Name, Patient ID and/or Study Date. The user can select series to be retrieved. The instances will be received at the Storage SCP AE.

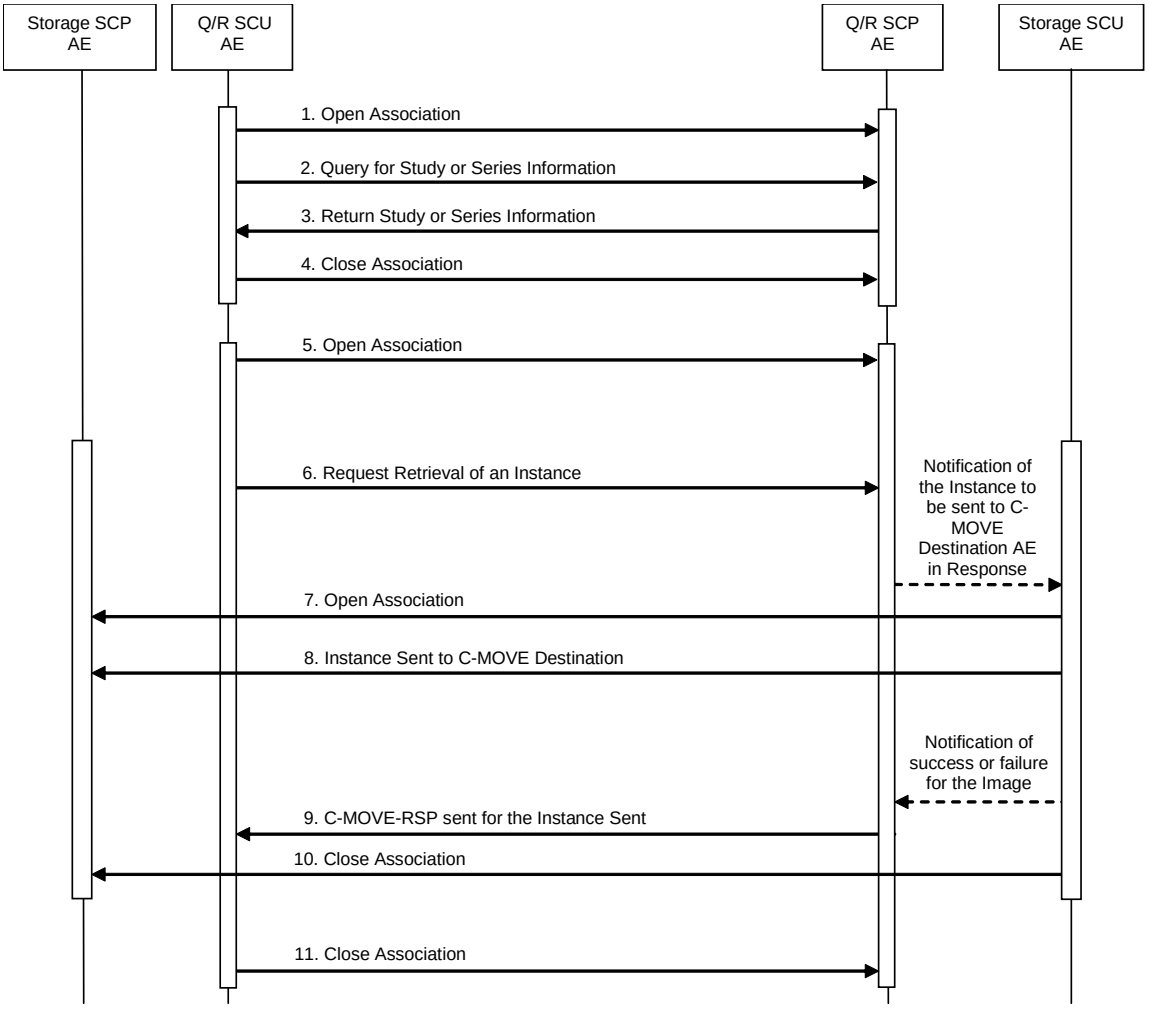


**Figure 4.2-8**
**SEQUENCING OF ACTIVITY – QUERY AND RETRIEVE INSTANCES**

The following sequencing constraints illustrated in the Figure above:

1. The Q/R SCU AE opens an association with the Q/R SCP AE.
2. The Q/R SCU AE sends a C-FIND-RQ Message.
3. The Q/R SCP AE returns a C-FIND-RSP Message to the Q/R SCU AE with matching information. A C-FIND-RSP is sent for each entity matching the identifier specified in the C-FIND-RQ. A final C-FIND-RSP is sent indicating that the matching is complete.
4. The Q/R SCU AE closes the association.
5. The Q/R SCU AE opens an association with the Q/R SCP AE.
6. The Q/R SCU AE sends a C-MOVE-RQ Message. The Q/R SCP AE notifies the Storage SCU AE to send the Composite SOP Instances to the peer C-MOVE Destination AE as indicated in the C-MOVE-RQ.
7. The Storage SCU AE opens an association with the C-MOVE Destination AE.
8. The Storage SCU AE sends instances to the C-MOVE Destination AE. The Storage SCU AE indicates to the Q/R SCP AE whether the transfer succeeded or failed.
9. The Q/R SCP AE then returns a C-MOVE-RSP indicating this success or failure.
10. The Storage SCU AE closes the association.
11. The Q/R SCU AE closes the association.

#### 4.2.7.3.1.2 Proposed Presentation Contexts

The Q/R SCU AE will propose Presentation Contexts shown in the following table:

**Table 4.2-59**
**PROPOSED PRESENTATION CONTEXTS FOR REAL-WORLD ACTIVITY QUERY AND RETRIEVE INSTANCES**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Study Root Q/R Information Model – Find | 1.2.840.10008.5.1.4.1.2.2.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| Study Root Q/R Information Model – Move | 1.2.840.10008.5.1.4.1.2.2.2 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.7.3.1.3 SOP Specific Conformance for Q/R Find SOP Classes

The Q/R SCU AE provides standard conformance to the Query/Retrieve Find SOP Classes as an SCU.

The behavior of the Q/R SCU AE when encountering status codes in a Q/R C-FIND response is summarized in the table below:

**Table 4.2-60**
**THE Q/R SCU AE C-FIND RESPONSE STATUS BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Matching is complete | 0000 | The SCP has completed the matches. Study or Series information items are available for display or further processing. |
| * | * | Any other status code | The association is aborted using A-ABORT and the Study or Series information is marked as failed. The status meaning is logged and reported to the user. |

The behavior of the Q/R SCU AE during communication failure is summarized in the table below.

**Table 4.2-61**
**Q/R FIND COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted and the study or series query is marked as failed. The reason is logged and reported to the user. |
| Association aborted by the SCP or network layers | The study or series query is marked as failed. The reason is logged and reported to the user. |

All queries are initiated at the highest level of the information model (the STUDY level), and then for each response received, recursively repeated at the next lower levels (the SERIES), in order to completely elucidate the "tree" of instances available on the remote AE.

The table below provides a description of the Q/R SCU AE C-FIND Request Identifier.

**Table 4.2-62**
**STUDY ROOT REQUEST IDENTIFIER FOR C-FIND**

| Name | Tag | Types of Matching |
|---|---|---|
| **Study Level** | | |
| Study Date | (0008,0020) | U,R |
| Study Time | (0008,0030) | U |
| Accession Number | (0008,0050) | S,U |
| Retrieve AE Title | (0008,0054) | U |
| Modalities in Study | (0008,0061) | U |
| Referenced Patient Sequencwe | (0008,1120) | U |
| Patient's Name | (0010,0010) | *,U |
| Patient ID | (0010,0020) | *,U |
| Patient's Birth Date | (0010,0030) | U |
| Patient's Birth Time | (0010,0032) | U |
| Patient's Sex | (0010,0040) | U |
| Other Patient IDs | (0010,1000) | U |
| Ethnic Group | (0010,2160) | U |
| Patient Comments | (0010,4000) | U |
| Study Instance UID | (0020,000D) | UNIQUE |
| Study ID | (0020,0010) | U |
| **Series Level** | | |
| Series Date | (0008,0021) | U |
| Series Time | (0008,0031) | U |
| Retrieve AE Title | (0008,0054) | U |
| Modality | (0008,0060) | U |
| Protocol Name | (0018,1030) | U |
| Series Instance UID | (0020,000E) | UNIQUE |
| Series Number | (0020,0011) | U |
| Number of Series Related Instances | (0020,1209) | U |

Types of Matching:

The types of Matching supported by the Q/R SCU AE. An "S" indicates the identifier attribute uses Single Value Matching, an "R" indicates Range Matching, an "*" indicates wildcard matching, and a "U" indicates Universal Matching. "UNIQUE" indicates that this is the Unique Key for that query level, in which case Universal Matching or Single Value Matching is used depending on the query level.

#### 4.2.7.3.1.4 SOP Specific Conformance for Q/R Move SOP Classes

The Q/R SCU AE provides standard conformance to the Query/Retrieve Move SOP Classes as an SCU.

The behavior of the Q/R SCU AE when encountering status codes in a Q/R C-MOVE response is summarized in the table below:

**Table 4.2-63**
**THE Q/R SCU AE C-MOVE RESPONSE STATUS BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Sub-operations complete – No Failures | 0000 | The Storage SCP AE has successfully received the SOP Instance. If all SOP Instances in a move job have status success then the job is marked as complete. |
| * | * | Any other status code | The association is aborted using A-ABORT and the move job is marked as failed. The status meaning is logged and the job failure is reported to the user via the job control application. |

The behavior of the Q/R SCU AE during communication failure is summarized in the table below.

**Table 4.2-64**
**Q/R MOVE COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The association is aborted using A-ABORT and the retrieve is marked as failed. The reason is logged and reported to the user if an interactive query. |
| Association aborted by the SCP or network layers | The retrieve is marked as failed. The reason is logged and reported to the user if an interactive query. |

### 4.2.7.4 Association Acceptance Policy

The Q/R SCU AE does not accept associations.

## 4.2.8 Storage SCP AE Specification

### 4.2.8.1 SOP Classes

The Storage SCP AE provides Standard Conformance to the following SOP Classes:

**Table 4.2-65**
**SOP CLASSES FOR THE STORAGE SCP AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | No | Yes |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | | |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | | |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | | |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | | |
| CT Image Storage | 1.2.840.10008.5.1.4.1.1.2 | | |
| MR Image Storage | 1.2.840.10008.5.1.4.1.1.4 | | |

### 4.2.8.2 Association Policies

#### 4.2.8.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-66**
**DICOM APPLICATION CONTEXT FOR THE STORAGE SCP AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.8.2.2 Number of Associations

The Storage SCP AE can support up to ten associations at a time.

**Table 4.2-67**
**NUMBER OF ASSOCIATIONS ACCEPTED FOR THE STORAGE SCP AE**

| | |
|---|---|
| Maximum number of simultaneous associations | 10 |

#### 4.2.8.2.3 Asynchronous Nature

The Storage SCP AE does not support asynchronous communication (multiple outstanding transactions over a single association).

**Table 4.2-68**
**ASYNCHRONOUS NATURE FOR THE STORAGE SCP AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.8.2.4 Implementation Identifying Information

The implementation information for the Storage SCP AE is:

**Table 4.2-69**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE SCP AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.8.3 Association Initiation Policy

The Storage SCP AE does not initiate associations.

### 4.2.8.4 Association Acceptance Policy

The Storage SCP AE accepts associations only if they have valid Presentation Contexts. If none of the requested Presentation Contexts are accepted then the association request itself is rejected. It can be configured to only accept associations with certain hosts (using TCP/IP address) and/or AE Titles.

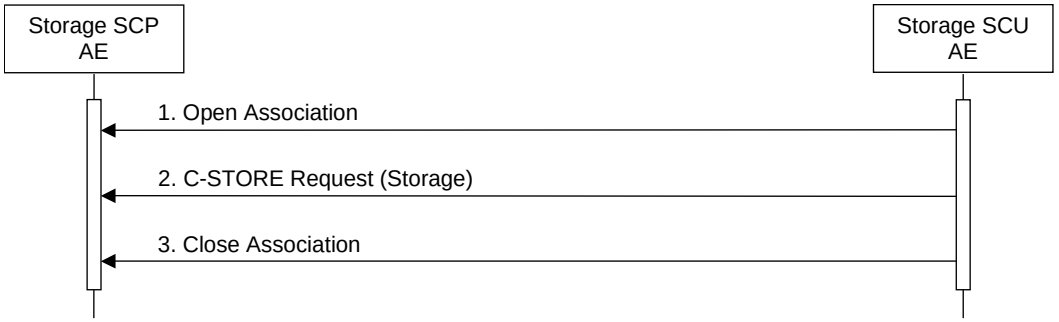


**Figure 4.2-9**
**SEQUENCING OF ACTIVITY – STORE IMAGES TO THE LOCAL FILE SYSTEM**

A possible sequence of interactions between the Storage SCP AE and a Storage SCU AE is illustrated in the Figure above:

1. The Storage SCU AE opens an association with the Storage SCP AE.
2. The Storage SCU AE sends images to the Storage SCP AE using a storage request (C-STORE) and the Storage SCP AE replies with a C-STORE response (status success).
3. The Storage SCU AE closes the association with the Storage SCP AE.

The Storage SCP AE may reject association attempts as shown in the Table 4.2-14.

Note: The user needs to perform QUERY described in 4.2.7.3.1.1 once for activating the Storage SCP AE, otherwise retrieval of instances will be aborted.

#### 4.2.8.4.1.1 Accepted Presentation Contexts

The default behavior of the Storage SCP AE supports the Implicit VR Little Endian and Explicit VR Little Endian transfer syntaxes. If the both transfer syntaxes are proposed per presentation context then the Storage SCP AE will select Explicit VR Little Endian Transfer Syntax.

Any of the presentation contexts shown in the following table are acceptable to the Storage SCP AE.

**Table 4.2-70**
**ACCEPTED PRESENTATION CONTEXTS BY THE STORAGE SCP AE**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCP | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy[*1] | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless[*2] | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy[*1] | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless[*2] | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy[*1] | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless[*2] | 1.2.840.10008.1.2.4.70 | | |
| | | RLE Lossless | 1.2.840.10008.1.2.5 | | |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| CT Image Storage[*3] | 1.2.840.10008.5.1.4.1.1.2 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy[*1] | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless[*2] | 1.2.840.10008.1.2.4.70 | | |
| MR Image Storage[*4] | 1.2.840.10008.5.1.4.1.1.4 | Implicit VR Little Endian | 1.2.840.10008.1.2 | | |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| | | JPEG Lossy[*1] | 1.2.840.10008.1.2.4.50 | | |
| | | JPEG Lossless[*2] | 1.2.840.10008.1.2.4.70 | | |

*1 JPEG Baseline (Process 1)
*2 JPEG Lossless, Non-Hierarchical, First-OrderPrediction (Process 14 [Selection Value 1])
*3 CT Image and MR Image can be received only via port 104.

#### 4.2.8.4.1.2 SOP Specific Conformance for Verification SOP Class

The Storage SCP AE provides standard conformance to the Verification SOP Class as an SCP.

#### 4.2.8.4.1.3 SOP Specific Conformance for Storage SOP Classes

The associated Activity with the Storage service is the storage of medical data received over the network on a designated hard disk. The Storage SCP AE will return a failure status if it is unable to store the instances on to the hard disk.

The Storage SCP AE is Level 0 conformant as a Storage SCP.

**Table 4.2-71**
**THE STORAGE SCP AE C-STORE RESPONSE STATUS RETURN REASONS**

| Service Status | Further Meaning | Status Code | Reason |
|---|---|---|---|
| Success | Success | 0000 | The Composite SOP Instance was successfully received, verified, and stored in the system database. |
| Refused | Out of Resources | A700 | Indicates that there were not enough local resources. |
| Error | Cannot Understand | C000 | Indicates that the Storage SCP AE cannot parse the Data Set into Elements. (e.g. when receiving unsupported character sets) |

## 4.2.9 Print SCU AE Specification

### 4.2.9.1 SOP Classes

The Print SCU AE provides Standard Conformance to the following Meta SOP Classes:

**Table 4.2-72**
**META SOP CLASSES FOR THE PRINT SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Basic Grayscale Print Management Meta | 1.2.840.10008.5.1.1.9 | Yes | No |
| Basic Color Print Management Meta | 1.2.840.10008.5.1.1.18 | Yes | No |

The above Meta SOP Classes are defined by the following set of supported SOP Classes:

**Table 4.2-73**
**SOP CLASSES FOR THE PRINT SCU AE**

| SOP Class Name | SOP Class UID | SCU | SCP |
|---|---|---|---|
| Basic Film Session SOP Class | 1.2.840.10008.5.1.1.1 | Yes | No |
| Basic film Box SOP Class | 1.2.840.10008.5.1.1.2 | Yes | No |
| Basic Grayscale Image Box SOP Class | 1.2.840.10008.5.1.1.4 | Yes | No |
| Basic Color Image Box SOP Class | 1.2.840.10008.5.1.1.4.1 | Yes | No |
| Printer SOP Class | 1.2.840.10008.5.1.1.16 | Yes | No |

### 4.2.9.2 Association Policies

#### 4.2.9.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

**Table 4.2-74**
**DICOM APPLICATION CONTEXT FOR THE PRINT SCU AE**

| | |
|---|---|
| Application Context Name | 1.2.840.10008.3.1.1.1 |

#### 4.2.9.2.2 Number of Associations

The Print SCU AE initiates one association at a time.

**Table 4.2-75**
**NUMBER OF ASSOCIATIONS ACCEPTED FOR THE PRINT SCU AE**

| | |
|---|---|
| Maximum number of simultaneous Associations | 1 |

#### 4.2.9.2.3 Asynchronous Nature

The Print SCU AE does not support asynchronous communication (multiple outstanding transactions over a single Association).

**Table 4.2-76**
**ASYNCHRONOUS NATURE FOR THE PRINT SCU AE**

| | |
|---|---|
| Maximum number of outstanding asynchronous transactions | 1 |

#### 4.2.9.2.4 Implementation Identifying Information

The implementation information for the Print SCU AE is:

**Table 4.2-77**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR THE PRINT SCU AE**

| | |
|---|---|
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

### 4.2.9.3 Association Initiation Policy

#### 4.2.9.3.1 Activity – Send Images & Print Management Information

#### 4.2.9.3.1.1 Description and Sequencing of Activities

A user composes images onto film sheets and requests them to be sent to a specific hardcopy device. The user can select the desired film format and number of copies.

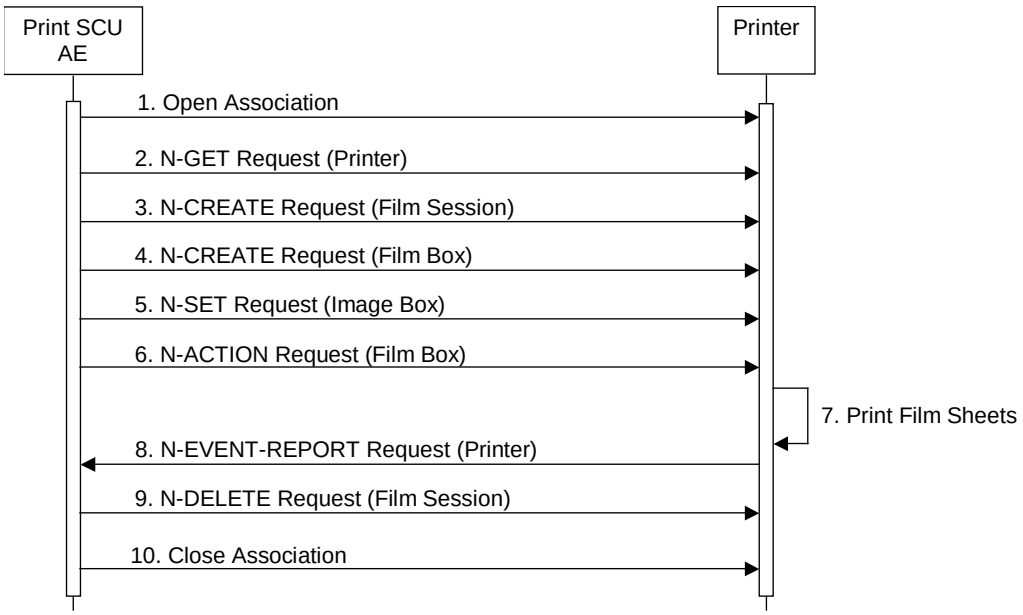


**Figure 4.2-10**
**SEQUENCING OF ACTIVITY – SEND IMAGES & PRINT MANAGEMENT INFORMATION**

A typical sequence of DIMSE messages sent over an association between the Print SCU AE and a Printer is illustrated in the Figure above:

1. The Print SCU AE opens an Association with the Printer.
2. N-GET on the Printer SOP Class is used to obtain current printer status information.
3. N-CREATE on the Film Session SOP Class creates a Film Session.
4. N-CREATE on the Film Box SOP Class creates a Film Box linked to the Film Session.
5. N-SET on the Image Box SOP Class transfers the contents of the film sheet to the printer.
6. N-ACTION on the Film Box SOP Class instructs the Printer to print the Film Box.
7. The Printer prints the requested number of film sheets.
8. The Printer asynchronously reports its status via N-EVENT-REPORT notification (Printer SOP Class). The printer can send this message at any time. The Print SCU AE does not require the N-EVENT-REPORT to be sent. The Print SCU AE is capable of receiving an N-EVENT-REPORT notification at any time during an association.
9. N-DELETE on the Film Session SOP Class deletes the complete Film Session SOP Instance hierarchy.
10. The Print SCU AE closes the Association with the Printer.

#### 4.2.9.3.1.2 Proposed Presentation Contexts

The Print SCU AE is capable of proposing the Presentation Contexts shown in the table below:

**Table 4.2-78**
**PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY SEND IMAGES & PRINT MANAGEMENT INFORMATION**

| Presentation Context Table | | | | | |
|---|---|---|---|---|---|
| **Abstract Syntax** | | **Transfer Syntax** | | **Role** | **Ext. Neg.** |
| **Name** | **UID** | **Name List** | **UID List** | | |
| Basic Grayscale Print Management Meta | 1.2.840.10008.5.1.1.9 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |
| Basic Color Print Management Meta | 1.2.840.10008.5.1.1.18 | Implicit VR Little Endian | 1.2.840.10008.1.2 | SCU | None |
| | | Explicit VR Little Endian | 1.2.840.10008.1.2.1 | | |

#### 4.2.9.3.1.3 Common SOP Specific Conformance for all Print SOP Classes

The general behavior of the Print SCU AE during communication failure is summarized in the table below. This behavior is common for all SOP Classes supported by the Print SCU AE.

**Table 4.2-79**
**PRINT COMMUNICATION FAILURE BEHAVIOR**

| Exception | Behavior |
|---|---|
| Timeout | The Association is aborted using A-ABORT and the print-job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |
| Association aborted by the SCP or network layers | The print-job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application. |

#### 4.2.9.3.1.4 SOP Specific Conformance for Printer SOP Class

The Print SCU AE supports the following DIMSE operations and notifications for the Printer SOP Class:

— N-GET

— N-EVENT-REPORT

Details of the supported attributes and status handling behavior are described in the following subsections.

##### 4.2.9.3.1.4.1 Printer SOP Class Operations (N-GET)

The Print SCU AE uses the Printer SOP Class N-GET operation to obtain information about the current printer status. The attributes obtained via N-GET are listed in the table below:

**Table 4.2-80**
**PRINTER SOP CLASS N-GET REQUEST ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Printer Status | (2110,0010) | CS | Provided by Printer | ALWAYS | Printer |
| Printer Status Info | (2110,0020) | CS | Provided by Printer | ALWAYS | Printer |

The Printer Status information is evaluated as follows:

1. If Printer status (2110,0010) is NORMAL, the print-job continues to be printed.
2. If Printer status (2110,0010) is FAILURE, the print-job is marked as failed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job control application.
3. If Printer status (2110,0010) is WARNING, the print-job continues to be printed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job control application.

The behavior of The Print SCU AE when encountering status codes in an N-GET response is summarized in the table below:

**Table 4.2-81**
**PRINTER SOP CLASS N-GET RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The request to get printer status information was success. |
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

#### 4.2.9.3.1.4.2 Printer SOP Class Notifications (N-EVENT-REPORT)

The Print SCU AE is capable of receiving an N-EVENT-REPORT request at any time during an association.

The behavior of The Print SCU AE when receiving Event Types within the N-EVENT-REPORT is summarized in the table below:

**Table 4.2-82**
**PRINTER SOP CLASS N-EVENT-REPORT BEHAVIOUR**

| Event Type Name | Event Type ID | Behavior |
|---|---|---|
| Normal | 1 | The print-job continues to be printed. |
| Warning | 2 | The print-job continues to be printed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job-control application. |
| Failure | 3 | The print-job is marked as failed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job-control application. |
| * | * | An invalid Event Type ID will cause a status code of 0113H to be returned in an N-EVENT-REPORT response. |

The reasons for returning specific status codes in an N-EVENT-REPORT response are summarized in the table below:

**Table 4.2-83**
**PRINTER SOP CLASS N-EVENT-REPORT RESPONSE STATUS REASONS**

| Service Status | Further Meaning | Status Code | Reasons |
|---|---|---|---|
| Success | Success | 0000 | The notification event has been successfully received. |
| Failure | No Such Event Type | 0113H | An invalid Event Type ID was supplied in the N-EVENT-REPORT request. |
| Failure | Processing Failure | 0110H | An internal error occurred during processing of the N-EVENT-REPORT. A short description of the error will be returned in Error Comment (0000,0902). |

#### 4.2.9.3.1.5 SOP Specific Conformance for the Film Session SOP Class

The Print SCU AE supports the following DIMSE operations for the Film Session SOP Class:

— N-CREATE
— N-DELETE

Details of the supported attributes and status handling behavior are described in the following subsections.

##### 4.2.9.3.1.5.1 Film Session SOP Class Operations (N-CREATE)

The attributes supplied in an N-CREATE Request are listed in the table below:

**Table 4.2-84**
**FILM SESSION SOP CLASS N-CREATE REQUEST ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Number of Copies | (2000,0010) | IS | 1.. 9 | ALWAYS | USER |
| Print Priority | (2000,0020) | CS | MED | ALWAYS | AUTO |
| Medium Type | (2000,0030) | CS | BLUE FILM, CLEAR FILM or PAPER | ALWAYS | USER |
| Film Destination | (2000,0040) | CS | MAGAZINE or PROCESSOR | ALWAYS | USER |

The behavior of The Print SCU AE when encountering status codes in an N-CREATE response is summarized in the table below:

**Table 4.2-85**
**FILM SESSION SOP CLASS N-CREATE RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. |
| Warning | Attribute Value Out of Range | 0116H | The N-CREATE operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Attribute List Error | 0107H | The N-CREATE operation is considered successful if it is configured that the status would be considered successful. |
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

##### 4.2.9.3.1.5.2 Film Session SOP Class Operations (N-DELETE)

The behavior of The Print SCU AE when encountering status codes in an N-DELETE response is summarized in the table below:

**Table 4.2-86**
**PRINTER SOP CLASS N-DELETE RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. |
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

#### 4.2.9.3.1.6 SOP Specific Conformance for the Film Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Film Box SOP Class:

— N-CREATE
— N-ACTION

Details of the supported attributes and status handling behavior are described in the following subsections.

##### 4.2.9.3.1.6.1 Film Box SOP Class Operations (N-CREATE)

The attributes supplied in an N-CREATE Request are listed in the table below:

**Table 4.2-87**
**FILM BOX SOP CLASS N-CREATE REQUEST ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Image Display Format | (2010,0010) | CS | STANDARD\1,1 | ALWAYS | USER |
| Referenced Film Session Sequence | (2010,0500) | SQ | | ALWAYS | AUTO |
| >Referenced SOP Class UID | (0008,1150) | UI | 1.2.840.10008.5.1.1.1 | ALWAYS | AUTO |
| >Referenced SOP Instance UID | (0008,1155) | UI | From created Film Session SOP Instance | ALWAYS | AUTO |
| Film Orientation | (2010,0040) | CS | PORTRAIT or LANDSCAPE | ALWAYS | USER |
| Film Size ID | (2010,0050) | CS | 8INX10IN, 8_5INX11IN, 10INX12IN, 10INX14IN, 11INX14IN, 14INX14IN, 14INX17IN, 11INX17IN, 24CMX24CM, 24CMX30CM, A4 or A3 | ALWAYS | USER |
| Magnification Type | (2010,0060) | CS | REPLICATE, BILINEAR, CUBIC or NONE | ALWAYS | USER |
| Smoothing Type | (2010,0080) | CS | | ANAP | USER |
| Border Density | (2010,0100) | CS | BLACK or WHITE | ALWAYS | USER |
| Empty Image Density | (2010,0110) | CS | BLACK or WHITE | ALWAYS | USER |
| Min Density | (2010,0120) | US | 1.. 500 | ALWAYS | USER |
| Max Density | (2010,0130) | US | 1.. 500 | ALWAYS | USER |
| Trim | (2010,0140) | CS | YES or NO | ALWAYS | USER |
| Configuration Information | (2010,0150) | ST | | ALWAYS | AUTO |

The behavior of the Print SCU AE when encountering status codes in an N-CREATE response is summarized in the table below:

**Table 4.2-88**
**FILM BOX SOP CLASS N-CREATE RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. |
| Warning | Requested Min Density or Max Density outside of printer's operating range | B605H | The N-CREATE operation is considered successful if it is configured that the status would be considered successful. |

| | | | |
|---|---|---|---|
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

#### 4.2.9.3.1.6.2 Film Box SOP Class Operations (N-ACTION)

An N-ACTION Request is issued to instruct the Print SCP to print the contents of the Film Box. The Action Reply argument in an N-ACTION response is not evaluated.

The behavior of The Print SCU AE when encountering status codes in a N-ACTION response is summarized in the table below:

**Table 4.2-89**
**FILM BOX SOP CLASS N-ACTION RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. The film has been accepted for printing. |
| Warning | Film Box SOP Instance hierarchy does not contain Image Box SOP Instances (empty page) | B603H | The N-ACTION operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Image size is larger than Image Box size. The image has been demagnified. | B604H | The N-ACTION operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Image size is larger than Image Box size. The image has been cropped to fit. | B609H | The N-ACTION operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Image size or Combined Print Image Size is larger than Image Box size. The image or combined Print Image has been decimated to fit. | B60AH | The N-ACTION operation is considered successful if it is configured that the status would be considered successful. |
| Failure | Unable to create Print Job SOP Instance; print queue is full. | C602 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| Failure | Image size is larger than Image Box size. | C603 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| Failure | Combined Print Image Size is larger than Image Box size. | C613 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

#### 4.2.9.3.1.7 SOP Specific Conformance for the Grayscale Image Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Grayscale Image Box SOP Class:

— N-SET

Details of the supported attributes and status handling behavior are described in the following subsections.

##### 4.2.9.3.1.7.1 Grayscale Image Box SOP Class Operations (N-SET)

The attributes supplied in an N-SET Request are listed in the table below:

**Table 4.2-90**
**GRAYSCALE IMAGE BOX SOP CLASS N-SET REQUEST ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Image Position | (2020,0010) | US | 1 | ALWAYS | AUTO |
| Magnification Type | (2010,0060) | CS | REPLICATE, BILINEAR, CUBIC or NONE | ALWAYS | USER |
| Smoothing Type | (2010,0080) | CS | | ANAP | USER |
| Basic Grayscale Image Sequence | (2020,0110) | SQ | | ALWAYS | AUTO |
| >Samples Per Pixel | (0028,0002) | US | 1 | ALWAYS | AUTO |
| >Photometric Interpretation | (0028,0004) | CS | MONOCHROME2 | ALWAYS | AUTO |
| >Rows | (0028,0010) | US | | ALWAYS | AUTO |
| >Columns | (0028,0011) | US | | ALWAYS | AUTO |
| >Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| >Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| >High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| >Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| >Pixel Data | (7FE0,0010) | OB | | ALWAYS | AUTO |

The behavior of the Print SCU AE when encountering status codes in an N-SET response is summarized in the table below:

**Table 4.2-91**
**GRAYSCALE / COLOR IMAGE BOX SOP CLASS N-SET RESPONSE STATUS HANDLING BEHAVIOR**

| Service Status | Further Meaning | Status Code | Behavior |
|---|---|---|---|
| Success | Success | 0000 | The SCP has completed the operation successfully. Image successfully stored in Image Box. |
| Warning | Image size is larger than Image Box size. The image has been demagnified. | B604H | The N-SET operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Requested Min Density or Max Density outside of printer's operating range. | B605H | The N-SET operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Image size is larger than Image Box size. The image has been cropped to fit. | B609H | The N-SET operation is considered successful if it is configured that the status would be considered successful. |
| Warning | Image size or Combined Print Image Size is larger than Image Box size. The image or combined Print Image has been decimated to fit. | B60AH | The N-SET operation is considered successful if it is configured that the status would be considered successful. |
| Failure | Image size is larger than Image Box size. | C603 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| Failure | Insufficient memory in printer to store the image. | C605 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| Failure | Combined Print Image Size is larger than Image Box size. | C613 | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |
| * | * | Any other status code. | The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user. |

#### 4.2.9.3.1.8 SOP Specific Conformance for the Color Image Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Color Image Box SOP Class:

— N-SET

Details of the supported attributes and status handling behavior are described in the following subsections.

##### 4.2.9.3.1.8.1 Color Image Box SOP Class Operations (N-SET)

The attributes supplied in an N-SET Request are listed in the table below:

**Table 4.2-92**
**COLOR IMAGE BOX SOP CLASS N-SET REQUEST ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Image Position | (2020,0010) | US | 1 | ALWAYS | AUTO |
| Magnification Type | (2010,0060) | CS | REPLICATE, BILINEAR, CUBIC or NONE | ALWAYS | USER |
| Smoothing Type | (2010,0080) | CS | | ANAP | USER |
| Basic Grayscale Image Sequence | (2020,0110) | SQ | | ALWAYS | AUTO |
| >Samples Per Pixel | (0028,0002) | US | 3 | ALWAYS | AUTO |
| >Photometric Interpretation | (0028,0004) | CS | RGB | ALWAYS | AUTO |
| >Planar Configuration | (0028,0006) | US | 0x0001 | ALWAYS | AUTO |
| >Rows | (0028,0010) | US | | ALWAYS | AUTO |
| >Columns | (0028,0011) | US | | ALWAYS | AUTO |
| >Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| >Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| >High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| >Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| >Pixel Data | (7FE0,0010) | OB | | ALWAYS | AUTO |

The behavior of the Print SCU AE when encountering status codes in an N-SET response is summarized in Table 4.2-91.

### 4.2.9.4 Association Acceptance Policy

The Print SCU AE does not accept associations.

## 4.3 NETWORK INTERFACES

### 4.3.1 Physical Network Interface

This product supports wired and wireless network interfaces as follows:

**Table 4.3-1**
**SUPPORTED PHYSICAL NETWORK INTERFACES**

| |
|---|
| Ethernet 10/100/1000baseT |
| IEEE 802.11b/a/g/n/ac (option) |

Each of the network adapters works exclusively, and thus the user must select either WIRED or WIRELESS.

### 4.3.2 Additional Protocols

DHCP can be used to obtain TCP/IP network configuration information (e.g., own IP address, subnet mask, default gateway, DNS server, etc).

DNS can be used for address resolution.

NTP can be used to synchronize the system clock with a time server.

WPA2-Personal can be used for wireless network security in conjunction with a pre-shared key.

WPA2-Enterprise can be used for wireless network security in conjunction with an authentication server.

### 4.3.3 IPv4 and IPv6 Support

This product only supports IPv4 connections.

## 4.4 CONFIGURATION

### 4.4.1 AE Title/Presentation Address Mapping

#### 4.4.1.1 Local AE Titles

All local applications use the AE Titles and TCP/IP Ports configured via the service tool.

**Table 4.4-1**
**AE TITLE CONFIGURATION TABLE**

| Application Entity | Default AE Title | Default TCP/IP Port |
|---|---|---|
| MWM SCU | MWMSCU_AE | Not Applicable |
| MPPS SCU | MPPSSCU_AE | |
| Print SCU | PrintSCU_AE | |
| Verification SCU | VERIFY_AETITLE | |
| Storage SCU | DICOM_LOCAL_SCU | |
| Query/Retrieve SCU | | |
| Storage Commitment SCU | | 104 |
| Storage SCP | DICOM_LOCAL_SCP | |
| Verification SCP | | |

The default character repertoire excluding the highlighted characters can be used for the AE Titles:

**Table 4.4-2**
**AE TITLE CHARACTER REPERTOIRE**

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **0x00** | | | | | | | | | | | LF | | FF | CR | | |
| **0x10** | | | | | | | | | | | | ESC | | | | |
| **0x20** | SP | ! | " | # | $ | % | & | ' | ( | ) | * | + | , | - | . | / |
| **0x30** | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | ; | < | = | > | ? |
| **0x40** | @ | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| **0x50** | P | Q | R | S | T | U | V | W | X | Y | Z | [ | ¥ | ] | ^ | _ |
| **0x60** | ` | a | b | c | d | e | f | g | h | i | j | k | l | m | n | o |
| **0x70** | p | q | r | s | t | u | v | w | x | y | z | { | \| | } | ~ | |

#### 4.4.1.2 Remote AE Title/Presentation Address Mapping

The AE Titles, host names and port numbers of remote applications are configured using the service tool. The character repertoire of the AE Titles is listed in Table 4.4-2.

### 4.4.2 Parameters

A large number of parameters related to acquisition and general operation can be configured using the service tool. The table below only shows those configuration parameters relevant to DICOM communication. See the Product's Service Manual for details on general configuration capabilities.

**Table 4.4-3**
**CONFIGURATION PARAMETERS TABLE**

| Parameter | Configurable (Yes/No) [Range] | Default Value |
|---|---|---|
| **General Parameters** | | |
| Maximum PDU send/receive size | Yes [2048-1048576] | 32768 bytes |
| Time-out waiting for an acceptance or rejection response to an association request (Application Level Timeout) | Yes [1-9999999] | 30 sec |
| Time-out waiting for a response to an association release request (Application Level Timeout) | Yes [1-9999999] | 30 sec |
| Time-out waiting for completion of a TCP/IP connect request (Low-level timeout) | Yes [1-9999999] | 30 sec |
| Time-out awaiting a response to a DIMSE request (Low-Level Timeout) | Yes [1-9999999] | 30 sec |
| Time-out for waiting for data between TCP/IP-packets (Low Level Timeout) | Yes [1-9999999] | 30 sec |
| **Storage SCU Parameters** | | |
| Maximum number of simultaneously initiated associations by the Storage SCU AE | No | 10 |
| Number of times a failed send job may be retried | No | Forever, until the job succeeds or user cancels it. |
| **Storage Commitment SCU Parameters** | | |
| Maximum number of simultaneously initiated associations by the Storage Commitment SCU AE | No | 10 |
| Maximum number of simultaneously accepted associations by the Storage Commitment SCU AE | No | 10 |
| Time-out waiting for a Storage Commitment Notification (maximum duration of applicability for a Storage Commitment Transaction UID) | Yes [1-99999](msec, sec, min, hour, day, month or year) | 180 sec |
| Delay association release after sending a storage commitment request (wait for a storage commitment notification over the same association) | No | 0 |
| **Modality Worklist SCU Parameters** | | |
| Maximum number of simultaneously initiated associations by the MWM SCU AE | No | 1 |
| Maximum number of worklist items | Yes [1-9999] | 200 |
| Query worklist for specific Scheduled Station AE Title | Yes | MWMSCU_AE |
| Query worklist for specific Modality | Yes | US |
| **MPPS SCU Parameters** | | |

| | | |
|---|---|---|
| Maximum number of simultaneously initiated associations by the MPPS SCU AE | No | 1 |
| Number of times a failed send job may be retried | No | Forever, until the job succeeds or user cancels it. |
| **Q/R SCU Parameters** | | |
| Maximum number of simultaneously initiated associations by the Q/R SCU AE | No | 1 |
| Maximum number of matching entries | No | 5000 |
| **Storage SCP Parameters** | | |
| Maximum number of simultaneously initiated associations by the Storage SCP AE | No | 10 |
| **Print SCU Parameters** | | |
| Maximum number of simultaneously initiated associations by the Print SCU AE | No | 1 |

# 5. MEDIA INTERCHANGE

## 5.1 IMPLEMENTATION MODEL

### 5.1.1 Application Data Flow

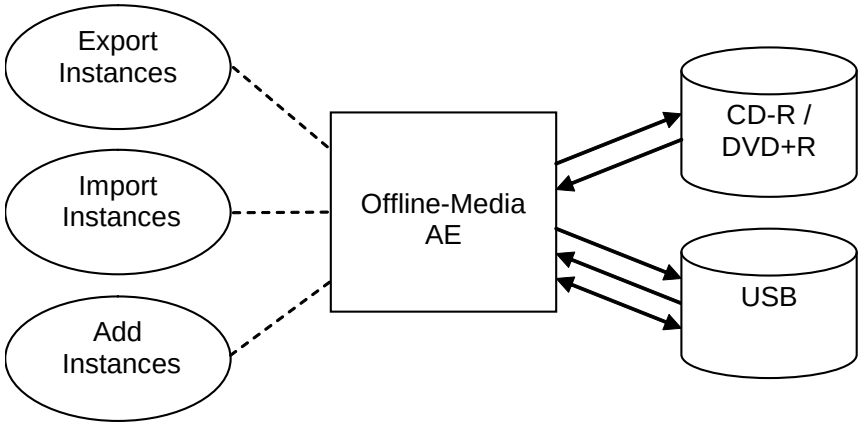


**Figure 5.1-1**
APPLICATION DATA FLOW DIAGRAM FOR MEDIA STORAGE

— The Offline-Media AE exports instances to a CD-R, DVD+R or USB Storage medium. It is associated with the local real-world activity "Export Instances" performed upon user request.
— The Offline-Media AE imports instances from a CD-R, DVD+R or USB Storage medium. It is associated with the local real-world activity "Import Instances" performed upon user request.
— The Offline-Media AE updates instances from a USB Storage medium. It is associated with the local real-world activity "Add Instances" performed upon user request.

### 5.1.2 Functional Definition of AEs

#### 5.1.2.1 Functional Definition of Offline-Media AE

The Offline-Media AE is performed upon user request for selected instances to/from an offline DICOM CD-R, DVD+R or USB medium. It therefore performs the following tasks:

Export:

— Builds DICOM Information Objects.
— Creates a DICOMDIR file that represents the contents of the DICOM Information Objects to be recorded.
— Records DICOM Information Objects and the DICOMDIR file to the CD-R, DVD+R or USB medium.

Import:

— Reads the DICOMDIR file that represents the contents of the data as recorded.
— Displays the ordered list of instances, identifying information.
— Loads the selected instances from the CD-R, DVD+R or USB medium and displays them on the screen.

Addition:

— Reads a File-set of the USB medium and writes it to the local storage device.
— Adds the instances to the File-set, then writes it to the medium.
— Modifies the DICOMDIR file.

Note: The Offline-Media AE can update files created by the product itself.

### 5.1.3 Sequencing of Real-World Activities

#### 5.1.3.1 Activity – Export Instances

Operator requests to create new File-set(s) onto a new CD-R, DVD+R or USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Export Instances" are described below:

Step-1: Select the instances on the local storage device to be created to the medium.
Step-2: Request to copy to the medium.

#### 5.1.3.2 Activity – Import Instances

Operator requests to retrieve File-set(s) on the CD-R, DVD+R or USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Import Instances" are described below:

Step-1: Select the instances on the medium to be retrieved to the local storage device.
Step-2: Request to copy to the local storage device.

#### 5.1.3.3 Activity – Add Instances

Operator requests to add new objects to an already existing File-set on the USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Add Instances" are described below:

Step-1: Select the instances on the local storage device to be added to the medium.
Step-2: Request to copy to the medium.

### 5.1.4 File Meta Information for Implementation Class and Version

The implementation information written to the File Meta Header in each file is:

**Table 5.1-1**
**DICOM IMPLEMENTATION CLASS AND VERSION FOR MEDIA STORAGE**

| | |
|---|---|
| File Meta Information Version | 1 |
| Implementation Class UID | 1.2.392.200036.9116.6.22.1000.1 (TUS-AI900)<br>1.2.392.200036.9116.6.23.1000.1 (TUS-AI800)<br>1.2.392.200036.9116.6.24.1000.1 (TUS-AI700) |
| Implementation Version Name | TM_UL_DCM_V1.0 |

## 5.2 AE SPECIFICATIONS

### 5.2.1 Offline-Media AE Specification

The Offline-Media AE provides standard conformance to the DICOM Interchange Option of the Media Storage Service Class. The Application Profiles and roles are listed below:

**Table 5.2-1**
**APPLICATION PROFILES, ACTIVITIES AND ROLES FOR OFFLINE-MEDIA**

| Application Profiles Supported | Real World Activity | Role | SC Option |
|---|---|---|---|
| AUG-GEN-CD1, AUG-GEN-DVD1, AUG-GEN-USB1 | Export Instances | FSC | Interchange |
| AUG-GEN-CD1, AUG-GEN-DVD1, AUG-GEN-USB1, AUG-GEN-CD2, AUG-GEN-DVD2, AUG-GEN-USB2 | Import Instances | FSR | Interchange |
| AUG-GEN-USB1 | Add Instances | FSU | Interchange |

#### 5.2.1.1 File Meta Information for the Application Entity

The Source Application Entity Title is the local AE title of Storage SCP.

#### 5.2.1.2 Real-World Activities

##### 5.2.1.2.1 Activity – Export Instances

The Offline-Media AE acts as an FSC using the interchange option when requested to export SOP Instances from the local database to a CD-R, DVD+R or USB medium.

###### 5.2.1.2.1.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-CD1, AUG-GEN-DVD1 and AUG-GEN-USB1 Application Profiles.

###### 5.2.1.2.1.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1.

##### 5.2.1.2.2 Activity – Import Instances

The Offline-Media AE acts as an FSR using the interchange option when requested to import SOP Instances from a CD-R, DVD+R or USB medium to the local database.

###### 5.2.1.2.2.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-CD1, AUG-GEN-DVD1, AUG-GEN-USB1, AUG-GEN-CD2, AUG-GEN-DVD2 and AUG-GEN-USB2 Application Profiles.

###### 5.2.1.2.2.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1 and Table 5.3-2.

#### 5.2.1.2.3 Activity – Add Instances

The Offline-Media AE acts as an FSU using the interchange option when requested to add SOP Instances from the local database to a USB medium.

##### 5.2.1.2.3.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-USB1 Application Profiles.

###### 5.2.1.2.3.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1.

## 5.3 AUGMENTED AND PRIVATE APPLICATION PROFILES

### 5.3.1 Augmented Application Profiles

### 5.3.1.1 Augmented Application Profiles – AUG-GEN-CD1, AUG-GEN-DVD1, AUG-GEN-USB1, AUG-GEN-CD2, AUG-GEN-DVD2 and AUG-GEN-USB2

#### 5.3.1.1.1 SOP Class Augmentations

The Augmented Application Profiles support the following SOP Classes and Transfer Syntaxes:

**Table 5.3-1**
**SOP CLASS AUGMENTATIONS FOR AUG-GEN-CD1, AUG-GEN-DVD1 AND AUG-GEN-USB1**

| Information Object Definition | SOP Class UID | Transfer Syntax | Transfer Syntax UID |
|---|---|---|---|
| DICOM Media Storage Directory | 1.2.840.10008.1.3.10 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Enhanced US Volume | 1.2.840.10008.5.1.4.1.1.6.2 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |

*1 JPEG Baseline (Process 1)
*2 JPEG Lossless, Non-Hierarchical, First-OrderPrediction (Process 14 [Selection Value 1])

**Table 5.3-2**
**SOP CLASS AUGMENTATIONS FOR AUG-GEN-CD2, AUG-GEN-DVD2 AND AUG-GEN-USB2**

| Information Object Definition | SOP Class UID | Transfer Syntax | Transfer Syntax UID |
|---|---|---|---|
| DICOM Media Storage Directory | 1.2.840.10008.1.3.10 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| Secondary Capture Image Storage | 1.2.840.10008.5.1.4.1.1.7 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Ultrasound Image Storage | 1.2.840.10008.5.1.4.1.1.6.1 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Ultrasound Multi-frame Image Storage | 1.2.840.10008.5.1.4.1.1.3.1 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Enhanced US Volume | 1.2.840.10008.5.1.4.1.1.6.2 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| | | RLE Lossless | 1.2.840.10008.1.2.5 |
| Enhanced SR Storage | 1.2.840.10008.5.1.4.1.1.88.22 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| Comprehensive SR Storage | 1.2.840.10008.5.1.4.1.1.88.33 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| CT Image Storage | 1.2.840.10008.5.1.4.1.1.2 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |
| MR Image Storage | 1.2.840.10008.5.1.4.1.1.4 | Explicit VR Little Endian | 1.2.840.10008.1.2.1 |
| | | JPEG Lossy*1 | 1.2.840.10008.1.2.4.50 |
| | | JPEG Lossless*2 | 1.2.840.10008.1.2.4.70 |

*1 JPEG Baseline (Process 1)
*2 JPEG Lossless, Non-Hierarchical, First-OrderPrediction (Process 14 [Selection Value 1])

#### 5.3.1.1.2 Directory Augmentations

Not applicable.

#### 5.3.1.1.3 Other Augmentations

Not applicable.

### 5.3.2 Private Application Profiles

Not applicable.

## 5.4 MEDIA CONFIGURATION

Not applicable.

# 6. SUPPORT OF CHARACTER SETS

This product supports the following character sets:

- ISO-IR 6 (default) ISO 646
- ISO-IR 100 (Latin alphabet No.1) Supplementary set of ISO 8859
- ISO-IR 144 (Cyrillic) Supplementary set of ISO 8859
- ISO-IR 87 (Japanese) JIS X 0208 (Kanji)

Notes: If the Storage SCP AE receives instances that contain characters from unsupported character sets, it will respond with "Cannot Understand" to the C-STORE request.

If the MWM SCU AE receives worklist items that contain characters from unsupported character sets, it may abort the association using A-ABORT.

# 7. SECURITY

This product does not support any specific security measures.

It is assumed that the product is used within a secured environment. It is assumed that a secured environment includes at a minimum:

a. Firewall or router protections to ensure that only approved external hosts have network access to the product.

b. Firewall or router protections to ensure that the product only has network access to approved external hosts and services.

c. Any communication with external hosts and services outside the locally secured environment use appropriate secure network channels (e.g. such as a Virtual Private Network (VPN))

Other network security procedures such as automated intrusion detection may be appropriate in some environments. Additional security features may be established by the local security policy and are beyond the scope of this conformance statement.

# 8. ANNEXES

## 8.1 IOD CONTENTS

### 8.1.1 Created SOP Instances

Table 8.1-1 specifies the attributes of a Secondary Capture Image transmitted by the Storage SCU AE.

Table 8.1-2 specifies the attributes of an Ultrasound Image transmitted by the Storage SCU AE.

Table 8.1-3 specifies the attributes of an Ultrasound Multi-frame Image transmitted by the Storage SCU AE.

Table 8.1-4 specifies the attributes of an Enhanced US Volume transmitted by the Storage SCU AE.

Table 8.1-5 specifies the attributes of an Enhanced SR transmitted by the Storage SCU AE.

Table 8.1-6 specifies the attributes of a Comprehensive SR transmitted by the Storage SCU AE.

The following tables use a number of abbreviations. The abbreviations used in the "Presence of …" column are:

VNAP Value Not Always Present (attribute sent zero length if no value is present)

ANAP Attribute Not Always Present

ALWAYS Always Present

EMPTY Attribute is sent without a value

The abbreviations used in the "Source" column:

MWL the attribute value source is Modality Worklist

USER the attribute value source is from user input

AUTO the attribute value is generated automatically

MPPS the attribute value is the same as that use for Modality Performed Procedure Step

CONFIG the attribute value source is a configurable parameter

### 8.1.1.1 SC Image IOD

**Table 8.1-1**
**IOD OF CREATED SC IMAGE SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | General Series | Table 8.1-10 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| | SC Equipment | Table 8.1-20 | ALWAYS |
| Image | General Image | Table 8.1-14 | ALWAYS |
| | Image Pixel | Table 8.1-15 | ALWAYS |
| | SC Image | N.A. | All attributes are optional and are not present |
| | Overlay Plane | -- | Not Present |
| | Modality LUT | -- | Not Present |
| | VOI LUT | Table 8.1-17 | Only if Photometric Interpretation (0028,0004) is MONOCHROME2 |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.2 US Image IOD

**Table 8.1-2**
**IOD OF CREATED US IMAGE SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | General Series | Table 8.1-10 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Frame of Reference | Frame of Reference | -- | Not Present |
| | Synchronization | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| Image | General Image | Table 8.1-14 | ALWAYS |
| | Image Pixel | Table 8.1-15 | ALWAYS |
| | Contrast/bolus | -- | Not Present |
| | Palette Color Lookup Table | -- | Not Present |
| | US Region Calibration | Table 8.1-16 | ALWAYS |
| | US Image | Table 8.1-21 | ALWAYS |
| | Overlay Plane | -- | Not Present |
| | VOI LUT | Table 8.1-17 | Only if Photometric Interpretation (0028,0004) is MONOCHROME2 |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.3 US Multi-frame Image IOD

**Table 8.1-3**
**IOD OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | General Series | Table 8.1-10 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Frame of Reference | Frame of Reference | -- | Not Present |
| | Synchronization | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| Image | General Image | Table 8.1-14 | ALWAYS |
| | Image Pixel | Table 8.1-15 | ALWAYS |
| | Contrast/bolus | -- | Not Present |
| | Cine | Table 8.1-22 | ALWAYS |
| | Multi-frame | Table 8.1-23 | ALWAYS |
| | Frame Pointers | -- | Not Present |
| | Palette Color Lookup Table | -- | Not Present |
| | US Region Calibration | Table 8.1-16 | ALWAYS |
| | US Image | Table 8.1-24 | ALWAYS |
| | VOI LUT | Table 8.1-17 | Only if Photometric Interpretation (0028,0004) is MONOCHROME2 |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.4 Enhanced US Volume IOD

**Table 8.1-4**
**IOD OF CREATED ENHANCED US VOLUME SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | General Series | Table 8.1-10 | ALWAYS |
| | Enhanced US Series | Table 8.1-25 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Frame of Reference | Frame of Reference | Table 8.1-11 | ALWAYS |
| | Ultrasound Frame of Reference | Table 8.1-12 | ALWAYS |
| | Synchronization | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| | Enhanced General Equipment | Table 8.1-26 | ALWAYS |
| mage | General Image | Table 8.1-14 | ALWAYS |
| | Image Pixel | Table 8.1-15 | ALWAYS |
| | Enhanced Contrast/Bolus | -- | Not Present |
| | Multi-frame Functional Groups | -- | Not Present |
| | Multi-frame Dimension | -- | Not Present |
| | Cardiac Synchronization | Table 8.1-27 | ALWAYS |
| | Respiratory Synchronization | -- | Not Present |
| | Device | -- | Not Present |
| | Acquisition Context | -- | Not Present |
| | Specimen | -- | Not Present |
| | Enhanced Palette Color Lookup Table | -- | Not Present |
| | Enhanced US Image | Table 8.1-28 | ALWAYS |
| | IVUS Image | -- | Not Present |
| | Excluded Intervals | -- | Not Present |
| | ICC Profile | -- | Not Present |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Common Instance Reference | -- | Not Present |
| | Frame Extraction | -- | Not Present |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.5 Enhanced SR IOD

**Table 8.1-5**
**IOD OF CREATED ENHANCED SR SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Specimen Identification | -- | Not Present |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | SR Document Series | Table 8.1-29 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| Document | SR Document General | Table 8.1-30 | ALWAYS |
| | SR Document Content | Application measurements: Table 8.1-31, Table 8.1-54 and Table 8.1-56<br>User-defined measurements: Table 8.1-61 | ALWAYS |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.6 Comprehensive SR IOD

**Table 8.1-6**
**IOD OF CREATED COMPREHENSIVE SR SOP INSTANCES**

| IE | Module | Reference | Presence of Module |
|---|---|---|---|
| Patient | Patient | Table 8.1-7 | ALWAYS |
| | Specimen Identification | -- | Not Present |
| | Clinical Trial Subject | -- | Not Present |
| Study | General Study | Table 8.1-8 | ALWAYS |
| | Patient Study | Table 8.1-9 | ALWAYS |
| | Clinical Trial Study | -- | Not Present |
| Series | SR Document Series | Table 8.1-29 | ALWAYS |
| | Clinical Trial Series | -- | Not Present |
| Frame of Reference | Frame of Reference | -- | Not Present |
| | Synchronization | -- | Not Present |
| Equipment | General Equipment | Table 8.1-13 | ALWAYS |
| Document | SR Document General | Table 8.1-30 | ALWAYS |
| | SR Document Content | Application measurements: Table 8.1-31, Table 8.1-54 and Table 8.1-56<br>User-defined measurements: Table 8.1-61 | ALWAYS |
| | SOP Common | Table 8.1-18 | ALWAYS |
| | Private Application | Table 8.1-19 | ALWAYS |

### 8.1.1.7 Common Modules

**Table 8.1-7**
**PATIENT MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Patient's Name | (0010,0010) | PN | | VNAP | MWL/ USER |
| Patient ID | (0010,0020) | LO | | ALWAYS | MWL/ USER |
| Patient's Birth Date | (0010,0030) | DA | | VNAP | MWL/ USER |
| Patient's Sex | (0010,0040) | CS | | VNAP | MWL/ USER |
| Ethnic Group | (0010,2160) | SH | | VNAP | MWL |
| Patient Comments | (0010,4000) | LT | Values supplied via Modality Worklist will be entered at [Patient Comment].<br>[Insurance] and [Patient Comment] will be edited in the following format:<br><"Insurance="Health Insurance Information<LINEFEED>Comment>. | ALWAYS | MWL/ USER |
| Patient Identity Removed | (0012,0062) | CS | Yes or NO | ALWAYS | USER |
| De-identification Method | (0012,0063) | CS | Expert Determination | ANAP | USER |

**Table 8.1-8**
**GENERAL STUDY MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Study Instance UID | (0020,000D) | UI | | ALWAYS | MWL/ AUTO |
| Study Date | (0008,0020) | DA | | ALWAYS | AUTO |
| Study Time | (0008,0030) | TM | | ALWAYS | AUTO |
| Referring Physician's Name | (0008,0090) | PN | | VNAP | MWL/ USER |
| Study ID | (0020,0010) | SH | | ALWAYS | AUTO |
| Accession Number | (0008,0050) | SH | | VNAP | MWL/ USER |
| Study Description | (0008,1030) | LO | See Table 4.2-44 Notes | VNAP | MWL/ USER |
| Physician(s) Of Record | (0008,1048) | PN | | VNAP | USER |
| Name Of Physician(s) Reading Study | (0008,1060) | PN | | VNAP | USER |
| Scheduled Study Start Date | (0032,1000) | DA | | ANAP | AUTO |
| Scheduled Study Start Time | (0032,1001) | TM | | ANAP | AUTO |
| Referenced Study Sequence | (0008,1110) | SQ | | ANAP | MWL |
| >Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | MWL |

| | | | | | |
|---|---|---|---|---|---|
| >Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | MWL |
| Procedure Code Sequence | (0008,1032) | SQ | | ANAP | MWL |
| >Code Value | (0008,0100) | SH | | ANAP | MWL |
| >Coding Scheme Designator | (0008,0102) | SH | | ANAP | MML |
| >Coding Scheme Version | (0008,0103) | SH | | ANAP | MWL |
| >Code Meaning | (0008,0104) | LO | | ANAP | MWL |

**Table 8.1-9**
**PATIENT STUDY MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Patient's Age | (0010,1010) | AS | | VNAP | AUTO |
| Patient's Size | (0010,1020) | DS | | VNAP | MWL/ USER |
| Patient's Weight | (0010,1030) | DS | | VNAP | MWL/ USER |

**Table 8.1-10**
**GENERAL SERIES MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Modality | (0008,0060) | CS | US | ALWAYS | AUTO |
| Series Instance UID | (0020,000E) | UI | | ALWAYS | AUTO |
| Series Number | (0020,0011) | IS | | ALWAYS | AUTO |
| Series Date | (0008,0021) | DA | | ALWAYS | AUTO |
| Series Time | (0008,0031) | TM | | ALWAYS | AUTO |
| Performing Physician's Name | (0008,1050) | PN | | VNAP | MWL/ USER |
| Protocol Name | (0018,1030) | LO | Abdomen, Carotid, Thyroid, Breast, OB, GYN, Endo-Vaginal, Fetal Heart, Adult Heart, Pediatric Heart, Coronary, TCD, Neo-Head, Neo-General, Neo-Hip, PV Venous, PV Arterial, Digits, MSK, Prostate, Kidney, Testes, OTHER or M-TEE | ALWAYS | MWL/ USER |
| Series Description | (0008,103E) | LO | Blood Pressure from user input will be edited in the following format: <"BloodPressure="Blood Pressure Information>. | VNAP | AUTO |
| Operators' Name | (0008,1070) | PN | | VNAP | MWL/ USER |
| Referenced Performed Procedure Step Sequence | (0008,1111) | SQ | | ALWAYS | MPPS |
| >Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | MPPS |

| | | | | | |
|---|---|---|---|---|---|
| >Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | MPPS |
| Body Part Examined | (0018,0015) | CS | | EMPTY | AUTO |
| Request Attributes Sequence | (0040,0275) | SQ | | ANAP | MWL |
| >Requested Procedure ID | (0040,1001) | SH | | ANAP | MWL |
| >Requested Procedure Description | (0032,1060) | LO | | ANAP | MWL |
| >Reason for the Scheduled Procedure | (0040,1002) | LO | | EMPTY | AUTO |
| >Scheduled Procedure Step ID | (0040,0009) | SH | | ANAP | MWL |
| >Scheduled Procedure Step Description | (0040,0007) | LO | See Table 4.2-44 Notes | ANAP | MWL |
| >Scheduled Protocol Code Sequence | (0040,0008) | SQ | | ANAP | MWL |
| Performed Procedure Step ID | (0040,0253) | SH | | ANAP | MWL/ AUTO |
| Performed Procedure Step Start Date | (0040,0244) | DA | | ANAP | AUTO |
| Performed Procedure Step Start Time | (0040,0245) | TM | | ANAP | AUTO |
| Performed Procedure Step Description | (0040,0254) | LO | | ANAP | MWL |
| Performed Protocol Code Sequence | (0040,0260) | SQ | | ANAP | MWL |
| >Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >Coding Scheme Version | (0008,0103) | SH | | ANAP | AUTO |
| >Code Meaning | (0008,0104) | LO | | ANAP | AUTO |

**Table 8.1-11**
**FRAME OF REFERENCE OF MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Volume Frame of Reference UID | (0020,0052) | UI | | ALWAYS | AUTO |

**Table 8.1-12**
**ULTRASOUND FRAME OF REFERENCE MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Volume Frame of Reference UID | (0020,9312) | UI | | ALWAYS | AUTO |
| Ultrasound Acquisition Geometry | (0020,9307) | CS | | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| Apex Position | (0020,9308) | FD | | ALWAYS | AUTO |
| Volume to Transducer Mapping Matrix | (0020,9309) | FD | | ALWAYS | AUTO |
| Patient Frame of Reference Source | (0020,930C) | CS | ESTIMATED | ALWAYS | AUTO |
| Volume to Table Mapping Matrix | (0020,930A) | FD | | ALWAYS | AUTO |

**Table 8.1-13**
**GENERAL EQUIPMENT MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Manufacturer | (0008,0070) | LO | TOSHIBA_MEC_US | ALWAYS | AUTO |
| Institution Name | (0008,0080) | LO | | ALWAYS | CONFIG |
| Institution Address | (0008,0081) | ST | | ALWAYS | CONFIG |
| Station Name | (0008,1010) | SH | | ALWAYS | CONFIG |
| Institutional Department Name | (0008,1040) | LO | | ALWAYS | MWL/ CONFIG |
| Manufacturer's Model Name | (0008,1090) | LO | TUS-AI900, TUS-AI800 or TUS-AI700 | ALWAYS | AUTO |
| Device Serial Number | (0018,1000) | LO | | ALWAYS | AUTO |
| Software Version | (0018,1020) | LO | V2.0 SPxxxx* | ALWAYS | AUTO |

**Table 8.1-14**
**GENERAL IMAGE MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Instance Number | (0020,0013) | IS | | ALWAYS | AUTO |
| Patient Orientation | (0020,0020) | CS | | EMPTY | AUTO |
| Content Date | (0008,0023) | DA | | ALWAYS | AUTO |
| Content Time | (0008,0033) | TM | | ALWAYS | AUTO |
| Image Type | (0008,0008) | CS | Value 1: Pixel Data Characteristics<br>"ORIGINAL" or "DERIVED"<br>Value 2: Patient Examination Characteristics<br>"PRIMARY" or "SECONDARY"<br>Value 3: System Defined Term<br>Value 4: Image Mode | ANAP | AUTO |
| Acquisition Date | (0008,0022) | DA | | ALWAYS | AUTO |
| Acquisition Time | (0008,0032) | TM | | ALWAYS | AUTO |
| Derivation Description | (0008,2111) | ST | | ANAP | AUTO |
| Image Comments | (0020,4000) | LT | | ANAP | USER |
| Burned In Annotation | (0028,0301) | CS | YES or NO | ANAP | AUTO |
| Lossy Image Compression | (0028,2110) | CS | 00 or 01 | ALWAYS | AUTO |
| Lossy Image Compression Ratio | (0028,2112) | DS | | ANAP | AUTO |

**Table 8.1-15**
**IMAGE PIXEL MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Samples per Pixel | (0028,0002) | US | 1 or 3 | ALWAYS | AUTO |
| Photometric Interpretation | (0028,0004) | CS | RGB, MONOCHROME2 or YBR_FULL_422 | ALWAYS | CONFIG |
| Planar Configuration | (0028,0006) | US | 0 or 1 | ANAP | AUTO |
| Rows | (0028,0010) | US | [Rows], [Columns]<br>1080, 1920 (Full Screen)<br>960, 1280 (Standard)<br>768, 1024 (Storage Option)<br>600, 800 (Storage Option)<br>480, 640 (Storage Option)<br>200, 200 (Volume) | ALWAYS | AUTO |
| Columns | (0028,0011) | US | | ALWAYS | AUTO |
| Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| Pixel Data | (7FE0,0010) | OB or OW | | ALWAYS | AUTO |

**Table 8.1-16**
**US REGION CALIBRATION MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Sequence of Ultrasound Regions | (0018,6011) | SQ | | ANAP | AUTO |
| >Region Spatial Format | (0018,6012) | US | | ALWAYS | AUTO |
| >Region Data Type | (0018,6014) | US | | ALWAYS | AUTO |
| >Region Flags | (0018,6016) | UL | | ALWAYS | AUTO |
| >Region Location Min x0 | (0018,6018) | UL | | ALWAYS | AUTO |
| >Region Location Min y0 | (0018,601A) | UL | | ALWAYS | AUTO |
| >Region Location Max x1 | (0018,601C) | UL | | ALWAYS | AUTO |
| >Region Location Max y1 | (0018,601E) | UL | | ALWAYS | AUTO |
| >Reference Pixel x0 | (0018,6020) | SL | | ALWAYS | AUTO |
| >Reference Pixel y0 | (0018,6022) | SL | | ALWAYS | AUTO |
| >Physical Units X Direction | (0018,6024) | US | | ALWAYS | AUTO |
| >Physical Units Y Direction | (0018,6026) | US | | ALWAYS | AUTO |
| >Reference Pixel Physical Value X | (0018,6028) | FD | | ALWAYS | AUTO |
| >Reference Pixel Physical Value Y | (0018,602A) | FD | | ALWAYS | AUTO |
| >Physical Delta X | (0018,602C) | FD | | ALWAYS | AUTO |
| >Physical Delta Y | (0018,602E) | FD | | ALWAYS | AUTO |
| >Transducer Frequency | (0018,6030) | UL | | ALWAYS | AUTO |
| >Pulse Repetition Frequency | (0018,6032) | UL | | ANAP | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >Doppler Correction Angle | (0018,6034) | FD | | ANAP | AUTO |
| >Steering Angle | (0018,6036) | FD | | ANAP | AUTO |
| >Doppler Sample Volume X Position | (0018,6039) | SL | | ANAP | AUTO |
| >Doppler Sample Volume Y Position | (0018,603B) | SL | | ANAP | AUTO |
| >TM-Line Position x0 | (0018,603D) | SL | | ANAP | AUTO |
| >TM-Line Position y0 | (0018,603F) | SL | | ANAP | AUTO |
| >TM-Line Position x1 | (0018,6041) | SL | | ANAP | AUTO |
| >TM-Line Position y1 | (0018,6043) | SL | | ANAP | AUTO |

**Table 8.1-17**
**VOI LUT MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Window Center | (0028,1050) | DS | 128.00 | ANAP | AUTO |
| Window Width | (0028,1051) | DS | 256.00 | ANAP | AUTO |

**Table 8.1-18**
**SOP COMMON MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Specific Character Set | (0008,0005) | CS | See Section 6 | ALWAYS | AUTO |
| Instance Creation Date | (0008,0012) | DA | | ALWAYS | AUTO |
| Instance Creation Time | (0008,0013) | TM | | ALWAYS | AUTO |
| Instance Creator UID | (0008,0014) | UI | 1.2.392.200036.9116.6.22.xxxxxxxx* (TUS-AI900)<br>1.2.392.200036.9116.6.23.xxxxxxxx* (TUS-AI800)<br>1.2.392.200036.9116.6.24.xxxxxxxx* (TUS-AI700)<br>(*8 digit number) | ALWAYS | AUTO |
| SOP Class UID | (0008,0016) | UI | 1.2.840.10008.5.1.4.1.1.7<br>for SC Image<br>1.2.840.10008.5.1.4.1.1.6.1<br>for US Image<br>1.2.840.10008.5.1.4.1.1.3.1<br>for US Multi-frame Image<br>1.2.840.10008.5.1.4.1.1.6.2<br>for Enhanced US Volume<br>1.2.840.10008.5.1.4.1.1.88.22<br>for Enhanced SR<br>1.2.840.10008.5.1.4.1.1.88.33<br>for Comprehensive SR | ALWAYS | AUTO |
| SOP Instance UID | (0008,0018) | UI | | ALWAYS | AUTO |
| Timezone Offset From UTC | (0008,0201) | SH | | ALWAYS | AUTO |

**Table 8.1-19**
**PRIVATE APPLICATION MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Private Creator | (0029,0010) | LO | | ANAP | AUTO |
| Application Header Type | (0029,1008) | CS | | ANAP | AUTO |
| Application Header Version | (0029,1009) | LO | | ANAP | AUTO |
| Application Header Data | (0029,1010) | OB | | ANAP | AUTO |
| Application Header Data | (0029,1020) | OB | | ANAP | AUTO |
| Private Creator | (7015,0010) | LO | | ALWAYS | AUTO |
| Private Creator | (7015,0011) | LO | | ANAP | AUTO |
| Application Header Data | (7015,1060) | OB | | ANAP | AUTO |
| Application Header Sequence | (7015,1073) | SQ | | ANAP | AUTO |
| >Private Creator | (0029,0010) | LO | | ALWAYS | AUTO |
| >Application Header Type | (0029,1089) | LO | | ALWAYS | AUTO |
| >Application Header Data | (0029,1090) | OB | | ALWAYS | AUTO |
| Application Header Sequence | (7015,1173) | SQ | | ANAP | AUTO |
| >Private Creator | (0029,0010) | LO | | ALWAYS | AUTO |
| >Application Header Type | (0029,1089) | LO | | ANAP | AUTO |
| >Application Header Data | (0029,1090) | OB | | ALWAYS | AUTO |
| Private Creator | (7FE1,0010) | LO | | ANAP | AUTO |
| Toshiba US Private Data | (7FE1,1010) | OB | | ANAP | AUTO |

### 8.1.1.8 SC Image Modules

**Table 8.1-20**
**SC EQUIPMENT MODULE OF CREATED SC IMAGE SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Conversion Type | (0008,0064) | CS | WSD | ALWAYS | AUTO |

### 8.1.1.9 US Image Modules

**Table 8.1-21**
**US IMAGE MODULE OF CREATED US IMAGE SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Heart Rate | (0018,1088) | IS | Positive integer value | ANAP | AUTO |
| Transducer Data | (0018,5010) | LO | | ANAP | AUTO |
| Focus Depth | (0018,5012) | DS | | ANAP | AUTO |
| Mechanical Index | (0018,5022) | DS | | ANAP | AUTO |
| Bone Thermal Index | (0018,5024) | DS | | ANAP | AUTO |
| Soft Tissue Thermal Index | (0018,5027) | DS | | ANAP | AUTO |
| Depth of Scan Field | (0018,5050) | IS | | ANAP | AUTO |
| Transducer Type | (0018,6031) | CS | | ANAP | AUTO |
| Samples Per Pixel | (0028,0002) | US | 1 or 3 | ALWAYS | AUTO |
| Photometric Interpretation | (0028,0004) | CS | RGB, MONOCHROME2 or YBR_FULL_422 | ALWAYS | CONFIG |
| Planar Configuration | (0028,0006) | US | 0 or 1 | ANAP | AUTO |
| Rows | (0028,0010) | US | [Rows], [Columns]<br>1080, 1920 (Full Screen)<br>960, 1280 (Standard)<br>768, 1024 (Storage Option)<br>600, 800 (Storage Option)<br>480, 640 (Storage Option) | ALWAYS | AUTO |
| Columns | (0028,0011) | US | | ALWAYS | AUTO |
| Ultrasound Color Data Present | (0028,0014) | US | 0 or 1 | ALWAYS | AUTO |
| Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| Pixel Data | (7FE0,0010) | OB or OW | | ALWAYS | AUTO |

### 8.1.1.10 US Multi-frame Image Modules

**Table 8.1-22**
**CINE MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Start Trim | (0008,2142) | IS | | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| Stop Trim | (0008,2143) | IS | | ALWAYS | AUTO |
| Recommended Display Frame Rate | (0008,2144) | IS | | ALWAYS | USER |
| Cine Rate | (0018,0040) | IS | | ALWAYS | USER |
| Effective Duration | (0018,0072) | DS | | ALWAYS | AUTO |
| Frame Time | (0018,1063) | DS | | ALWAYS | AUTO |
| Frame Delay | (0018,1066) | DS | | ALWAYS | AUTO |
| Actual Frame Duration | (0018,1242) | IS | | ALWAYS | AUTO |

**Table 8.1-23**
**MULTI-FRAME MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Number of Frames | (0028,0008) | IS | | ALWAYS | USER |
| Frame Increment Pointer | (0028,0009) | AT | <0018,1063> | ALWAYS | AUTO |

**Table 8.1-24**
**US IMAGE MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Stage Name | (0008,2120) | SH | | ANAP | AUTO |
| Stage Number | (0008,2122) | IS | | ANAP | AUTO |
| Number of Stages | (0008,2124) | IS | | ANAP | AUTO |
| View Name | (0008,2127) | SH | | ANAP | AUTO |
| View Number | (0008,2128) | IS | | ANAP | AUTO |
| Number of Views in Stage | (0008,212A) | IS | | ANAP | AUTO |
| Number of Event Timers | (0008,2129) | IS | | ANAP | AUTO |
| Event Elapsed Time(s) | (0008,2130) | DS | | ANAP | AUTO |
| Event Timer Name(s) | (0008,2132) | LO | | ANAP | AUTO |
| Trigger Time | (0018,1060) | DS | | ANAP | AUTO |
| Nominal Interval | (0018,1062) | IS | | ANAP | AUTO |
| Beat Rejection Flag | (0018,1080) | CS | | ANAP | AUTO |
| Low R-R Value | (0018,1081) | IS | | ANAP | AUTO |
| High R-R Value | (0018,1082) | IS | | ANAP | AUTO |
| Heart Rate | (0018,1088) | IS | Positive integer value | VNAP | AUTO |
| Transducer Data | (0018,5010) | LO | | ALWAYS | AUTO |
| Focus Depth | (0018,5012) | DS | | ANAP | AUTO |
| Mechanical Index | (0018,5022) | DS | | ALWAYS | AUTO |
| Bone Thermal Index | (0018,5024) | DS | | ANAP | AUTO |
| Soft Tissue Thermal Index | (0018,5027) | DS | | ANAP | AUTO |
| Depth of Scan Field | (0018,5050) | IS | | ANAP | AUTO |
| Transducer Type | (0018,6031) | CS | | ALWAYS | AUTO |
| Samples per Pixel | (0028,0002) | US | 1 or 3 | ALWAYS | AUTO |
| Photometric Interpretation | (0028,0004) | CS | RGB, MONOCHROME2 or YBR_FULL_422 | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| Planar Configuration | (0028,0006) | US | 0 or 1 | ANAP | AUTO |
| Rows | (0028,0010) | US | [Rows], [Columns]<br>960, 1280 (Standard)<br>768, 1024 (Storage Option)<br>600, 800 (Storage Option)<br>480, 640 (Storage Option) | ALWAYS | AUTO |
| Columns | (0028,0011) | US | | ALWAYS | AUTO |
| Ultrasound Color Data Present | (0028,0014) | US | 0 or 1 | ANAP | AUTO |
| Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| Stage Code Sequence | (0040,000A) | SQ | | ANAP | AUTO |
| >Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >Coding Scheme Version | (0008,0103) | SH | | ANAP | AUTO |
| >Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| View Code Sequence | (0054,0220) | SQ | | ANAP | AUTO |
| >Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >Coding Scheme Version | (0008,0103) | SH | | ANAP | AUTO |
| >Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| Pixel Data | (7FE0,0010) | OB | | ALWAYS | AUTO |

### 8.1.1.11 Enhanced US Volume Modules

**Table 8.1-25**
**ENHANCED US SERIES MODULE OF CREATED ENHANCED US VOLUME SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Modality | (0008,0060) | CS | US | ALWAYS | AUTO |
| Referenced Performed Procedure Step Sequence | (0008,1111) | SQ | | ALWAYS | AUTO |
| >Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | AUTO |
| >Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | AUTO |

**Table 8.1-26**
**ENHANCED GENERAL EQUIPMENT MODULE OF CREATED ENHANCED US VOLUME SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Manufacturer | (0008,0070) | LO | TOSHIBA_MEC_US | ALWAYS | AUTO |
| Manufacturer's Model Name | (0008,1090) | LO | TUS-AI900, TUS-AI800 or TUS-AI700 | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| Device Serial Number | (0018,1000) | LO | | ALWAYS | AUTO |
| Software Version | (0018,1020) | LO | V2.0 SPxxxx* | ALWAYS | AUTO |

**Table 8.1-27**
**CARDIAC SYNCHRONIZATION MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Cardiac RR Interval Specified | (0018,9070) | FD | | ALWAYS | AUTO |

**Table 8.1-28**
**ENHANCED US IMAGE MODULE OF CREATED ENHANCED US VOLUME SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Image Type | (0008,0008) | CS | Value 1: Pixel Data Characteristics<br>"ORIGINAL" or "DERIVED"<br>Value 2: Patient Examination Characteristics<br>"PRIMARY" or "SECONDARY"<br>Value 3: System Defined Term<br>Value 4: Image Mode | ANAP | AUTO |
| Samples per Pixel | (0028,0002) | US | 1 | ALWAYS | AUTO |
| Photometric Interpretation | (0028,0004) | CS | MONOCHROME2 | ALWAYS | AUTO |
| Bits Allocated | (0028,0100) | US | 8 | ALWAYS | AUTO |
| Bits Stored | (0028,0101) | US | 8 | ALWAYS | AUTO |
| High Bit | (0028,0102) | US | 7 | ALWAYS | AUTO |
| Pixel Representation | (0028,0103) | US | 0 | ALWAYS | AUTO |
| Dimension Organization Type | (0020,9311) | CS | 3D | ALWAYS | AUTO |
| Acquisition Date Time | (0008,002A) | DT | | ALWAYS | AUTO |
| Acquisition Duration | (0018,9073) | FD | | ALWAYS | AUTO |
| Pixel Spacing | (0028,0030) | DS | | ALWAYS | AUTO |
| Lossy Image Compression | (0028,2110) | CS | 00 or 01 | ALWAYS | AUTO |
| Presentation LUT Shape | (2050,0020) | CS | IDENTITY | ALWAYS | AUTO |
| Rescale Intercept | (0028,1052) | DS | 0 | ALWAYS | AUTO |
| Rescale Slope | (0028,1053) | DS | 1 | ALWAYS | AUTO |
| Burned In Annotation | (0028,0301) | CS | NO | ALWAYS | AUTO |
| Transducer Scan Pattern Code Sequence | (0018,9809) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| > Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| Transducer Geometry Code Sequence | (0018,980D) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| > Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| Transducer Beam Steering Code Sequence | (0018,980E) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| > Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| Transducer Application Code Sequence | (0018,980F) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| > Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| Mechanical Index | (0018,5022) | DS | | ALWAYS | AUTO |
| Cranial Thermal Index | (0018,5026) | DS | | ALWAYS | AUTO |
| Depth(s) of Focus | (0018,9801) | FD | | ALWAYS | AUTO |
| Depth of Scan Field | (0018,5050) | IS | | ALWAYS | AUTO |

### 8.1.1.12 Enhanced/Comprehensive SR Modules

**Table 8.1-29**
**SR DOCUMENT SERIES MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Modality | (0008,0060) | CS | SR | ALWAYS | AUTO |
| Referenced Study Component Sequence | (0008,1111) | SQ | | VNAP | MPPS |
| Series Instance UID | (0020,000E) | UI | | ALWAYS | MPPS |
| Series Number | (0020,0011) | IS | | ALWAYS | MPPS |

**Table 8.1-30**
**SR DOCUMENT GENERAL MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Content Date | (0008,0023) | DA | | ALWAYS | AUTO |
| Content Time | (0008,0033) | TM | | ALWAYS | AUTO |
| Instance Number | (0020,0013) | IS | | ALWAYS | AUTO |
| Referenced Request Sequence | (0040,A370) | SQ | | VNAP | AUTO |
| >Accession Number | (0008,0050) | SH | | ALWAYS | MWL/ USER |
| >Referenced Study Sequence | (0008,1110) | SQ | | ALWAYS | MWL |
| >Study Instance UID | (0020,000D) | UI | | ALWAYS | MWL/ AUTO |
| >Requested Procedure Description | (0032,1060) | LO | See Table 4.2-44 Notes | VNAP | MWL/ USER |
| >Requested Procedure Code Sequence | (0032,1064) | SQ | | VNAP | MWL |
| >Requested Procedure ID | (0040,1001) | SH | | VNAP | MWL/ USER |
| >Placer Order Number/Imaging Service Request | (0040,2016) | LO | | VNAP | MWL |
| >Filler Order Number/Imaging Service Request | (0040,2017) | LO | | VNAP | MWL |
| Performed Procedure Code Sequence | (0040,A372) | SQ | | VNAP | MWL/ AUTO |
| Current Requested Procedure Evidence Sequence | (0040,A375) | SQ | | VNAP | AUTO |
| >Referenced Series Sequence | (0008,1115) | SQ | | ALWAYS | AUTO |
| >>Referenced SOP Sequence | (0008,1199) | SQ | | ALWAYS | AUTO |
| >>>Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | AUTO |
| >>>Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | AUTO |
| >>Series Instance UID | (0020,000E) | UI | | ALWAYS | AUTO |
| >Study Instance UID | (0020,000D) | UI | | ALWAYS | MWL/ AUTO |
| Completion Flag | (0040,A491) | CS | COMPLETE | ALWAYS | AUTO |
| Verification Flag | (0040,A493) | CS | UNVERIFIED | ALWAYS | AUTO |

**Table 8.1-31**
**SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES FOR ECHOCARDIOGRAPHY PROCEDURE REPORT TEMPLATE**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | 125200 | ALWAYS | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | Adult Echocardiography Procedure Report | ALWAYS | AUTO |
| Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| Content Template Sequence | (0040,A504) | SQ | | ALWAYS | AUTO |
| >Template Identifier | (0040,DB00) | CS | 5200 | ALWAYS | AUTO |
| >Mapping Resource | (0008,0105) | CS | DCMR | ALWAYS | AUTO |
| Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121049 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Language of Content Item and descendants | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | eng | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | ISO0639-2 | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | English | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS OBS CONTEXT | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121005 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Observer Type | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121007 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Device | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121118 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Patient Characteristics | ALWAYS | AUTO |
| >Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ANAP | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 121033 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Subject Age | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | 121032 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Subject Sex | ALWAYS | AUTO |
| >>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 8867-4 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | LN | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Heart Rate. SR Document content Module may have multiple measurement results, at that case, the heart rate value is set for the last measurement. | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | {H.B.}/min | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | UCUM | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Heart beat per minute | ANAP | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | F-008EC | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Systolic Blood Pressure | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | mm[Hg] | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | UCUM | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Millimeter of mercury | ANAP | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | F-008ED | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Diastolic Blood Pressure | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | mm[Hg] | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | UCUM | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Millimeter of mercury | ANAP | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |

<table>
<tr><th>Attribute Name</th><th>Tag</th><th>VR</th><th>Value</th><th>Presence of Value</th><th>Source</th></tr>
<tr><td>>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>8277-6</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>>Coding Scheme Designator</td><td>(0008,0102)</td><td>SH</td><td>LN</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>>>Code Meaning</td><td>(0008,0104)</td><td>LO</td><td>Body Surface Area</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>Measured Value Sequence</td><td>(0040,A300)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Measured Units Code Sequence</td><td>(0040,08EA)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>m2</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>>>Coding Scheme Designator</td><td>(0008,0102)</td><td>SH</td><td>UCUM</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>>>Code Meaning</td><td>(0008,0104)</td><td>LO</td><td>M^2</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>>Numeric Value</td><td>(0040,A30A)</td><td>DS</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Relationship Type</td><td>(0040,A010)</td><td>CS</td><td>CONTAINS</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Value Type</td><td>(0040,A040)</td><td>CS</td><td>CONTAINER</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Concept Name Code Sequence</td><td>(0040,A043)</td><td>SQ</td><td></td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>111028</td><td>ANAP</td><td>AUTO</td></tr>
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<tr><td>>>Code Meaning</td><td>(0008,0104)</td><td>LO</td><td>Image Library</td><td>ANAP</td><td>AUTO</td></tr>
<tr><td>>Continuity of Content</td><td>(0040,A050)</td><td>CS</td><td>SEPARATE</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Content Sequence</td><td>(0040,A730)</td><td>SQ</td><td></td><td>ANAP</td><td>AUTO</td></tr>
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<tr><td>>>>Referenced SOP Class UID</td><td>(0008,1150)</td><td>UI</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Referenced SOP Instance UID</td><td>(0008,1155)</td><td>UI</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
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<tr><td>>>Value Type</td><td>(0040,A040)</td><td>CS</td><td>IMAGE</td><td>ALWAYS</td><td>AUTO</td></tr>
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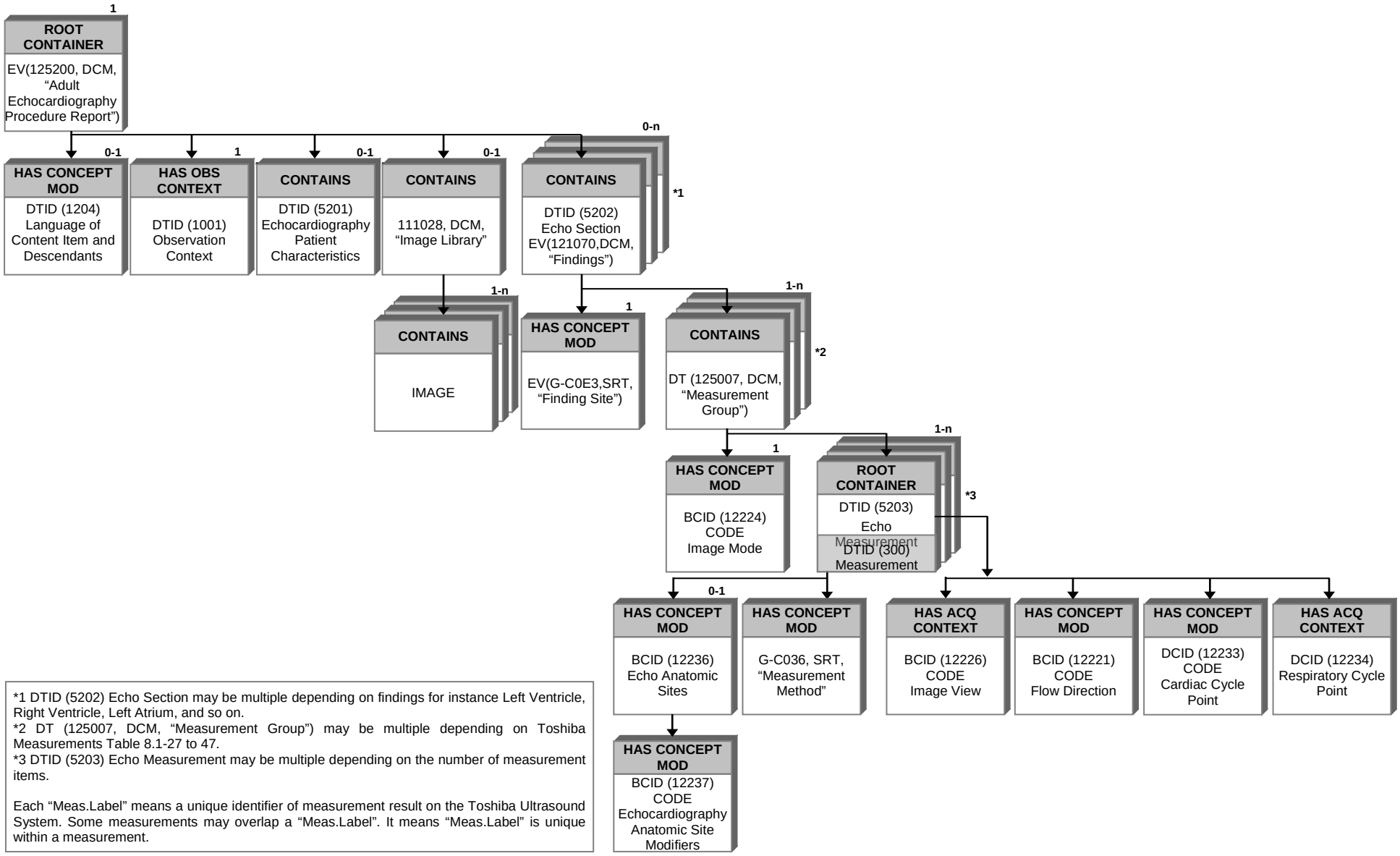
<tr><td>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>121070</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Coding Scheme Designator</td><td>(0008,0102)</td><td>SH</td><td>DCM</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Code Meaning</td><td>(0008,0104)</td><td>LO</td><td>Findings</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Continuity of Content</td><td>(0040,A050)</td><td>CS</td><td>SEPARATE</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>Content Sequence</td><td>(0040,A730)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Relationship Type</td><td>(0040,A010)</td><td>CS</td><td>HAS CONCEPT MOD</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Value Type</td><td>(0040,A040)</td><td>CS</td><td>CODE</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Concept Name Code Sequence</td><td>(0040,A043)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>G-C0E3</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Coding Scheme Designator</td><td>(0008,0102)</td><td>SH</td><td>SRT</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Code Meaning</td><td>(0008,0104)</td><td>LO</td><td>Finding Site</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>Concept Code Sequence</td><td>(0040,A168)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Code Value</td><td>(0008,0100)</td><td>SH</td><td>
<table>
<tr><th>CV</th><th>CSD</th><th>CM</th></tr>
<tr><td>T-32600</td><td>SRT</td><td>Left Ventricle</td></tr>
<tr><td>T-32300</td><td>SRT</td><td>Left Atrium</td></tr>
<tr><td>T-32500</td><td>SRT</td><td>Right Ventricle</td></tr>
<tr><td>T-35400</td><td>SRT</td><td>Aortic Valve</td></tr>
<tr><td>T-35300</td><td>SRT</td><td>Mitral Valve</td></tr>
<tr><td>T-48581</td><td>SRT</td><td>Pulmonary Venous Structure</td></tr>
<tr><td>T-35100</td><td>SRT</td><td>Tricuspid Valve</td></tr>
<tr><td>T-35200</td><td>SRT</td><td>Pulmonic Valve</td></tr>
<tr><td>3270000</td><td>TSBus</td><td>Right Coronary Artery</td></tr>
<tr><td>3270001</td><td>TSBus</td><td>Left Anterior Descending Coronary Artery</td></tr>
</table>
</td><td>ALWAYS</td><td>AUTO</td></tr>
<tr><td>>>>Coding Scheme Designator</td><td>(0008,0102)</td><td>SH</td><td>ALWAYS</td><td>AUTO</td></tr>
</table>

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>Code Meaning | (0008,0104) | LO | P5-30031 SRT Cardiac Shunt Study<br>T-32200 SRT Right Atrium<br>T-42000 SRT Aorta<br>T-44000 SRT Pulmonary artery<br>T-48600 SRT Vena Cava<br>D4-30000 SRT Congenital Anomaly of Cardiovascular System | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | 125007 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Measurement Group | ALWAYS | AUTO |
| >>Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >>Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>Code Value | (0008,0100) | SH | G-0373 | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Image Mode | ANAP | AUTO |
| >>>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | **CV CSD CM**<br>G-03A2 SRT 2D mode<br>G-0394 SRT M mode<br>03210001 TSBus Doppler Mode | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Measurement name or description | ALWAYS | AUTO |
| >>>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| >>>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>>Content Sequence | (0040,A730) | SQ | | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | G-C0E3 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Finding Site | ANAP | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>>>Code Value | (0008,0100) | SH | CV: G-0391, CSD: SRT, CM: Medial Mitral Annulus<br>CV: G-0392, CSD: SRT, CM: Lateral Mitral Annulus<br>CV: T-35313, CSD: SRT, CM: Mitral Annulus<br>CV: T-32600, CSD: SRT, CM: Left Ventricle | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | CV: T-32650, CSD: SRT, CM: Left Ventricle Outflow Tract<br>CV: T-32550, CSD: SRT, CM: Right Ventricle Outflow Tract<br>CV: T-35300, CSD: SRT, CM: Mitral Valve<br>CV: T-42000, CSD: SRT, CM: Aorta | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: T-35111, CSD: SRT, CM: Tricuspid Annulus<br>CV: T-35410, CSD: SRT, CM: Aortic Valve Ring<br>CV: D4-31150, CSD: SRT, CM: Ventricular Septal Defect<br>CV: D4-31220, CSD: SRT, CM: Atrial Septal Defect | ANAP | AUTO |
| >>>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>>Code Value | (0008,0100) | SH | G-A1F8 | ANAP | AUTO |
| >>>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>>Code Meaning | (0008,0104) | LO | Topographical modifier | ANAP | AUTO |
| >>>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>>Code Value | (0008,0100) | SH | CV: R-404A0, CSD: SRT, CM: Right Upper Segment | ANAP | AUTO |
| >>>>>>Coding Scheme Designator | (0008,0102) | SH | CV: R-4049E, CSD: SRT, CM: Right Lower Segment<br>CV: R-40491, CSD: SRT, CM: Left Upper Segment | ANAP | AUTO |
| >>>>>>Code Meaning | (0008,0104) | LO | CV: R-4214B, CSD: SRT, CM: Left Lower Segment | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | R-40899 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Respiratory Cycle Point | ANAP | AUTO |
| >>>>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: F-20010, CSD: SRT, CM: During Inspiration | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: F-20020, CSD: SRT, CM: During Expiration | ANAP | AUTO |
| >>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | R-4089A | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>>>Code Meaning | (0008,0104) | LO | Cardiac Cycle Point | ANAP | AUTO |
| >>>>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: F-32010, CSD: SRT, CM: Diastole | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | CV: F-32011, CSD: SRT, CM: End Diastole | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: F-32020, CSD: SRT, CM: Systole<br>CV: 109070, CSD: DCM, CM: End Systole | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | G-C036 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Measurement Method | ANAP | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: 125204, CSD: DCM, CM: Area-Length Biplane<br>CV: 125205, CSD: DCM, CM: Area-Length Single Plane<br>CV: 125206, CSD: DCM, CM: Cube Method<br>CV: 125207, CSD: DCM, CM: Method of Disks, Biplane<br>CV: 125208, CSD: DCM, CM: Method of Disks, Single Plane | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | CV: 125209, CSD: DCM, CM: Teichholz<br>CV: 125210, CSD: DCM, CM: Area by Pressure Half-Time<br>CV: 125215, CSD: DCM, CM: Continuity Equation by Velocity Time Integral<br>CV: 125216, CSD: DCM, CM: Proximal Isovelocity Surface Area | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: 125218, CSD: DCM, CM: Simplified Bernoulli<br>CV: 125221, CSD: DCM, CM: Left Ventricle Mass by M-mode<br>CV: 125222, CSD: DCM, CM: Left Ventricle Mass by Truncated Ellipse<br>CV: 03500000, CSD: TSBus, CM: Bullet Method<br>CV: 0317000A, CSD: TSBus, CM: Gibson Method | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | ACQ CONTEXT | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | 111031 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Image View | ANAP | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: G-A19B; CSD: SRT; CM: Apical two chamber | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: G-A19C; CSD: SRT; CM: Apical four chamber | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | G-C048 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Flow Direction | ANAP | AUTO |
| >>>>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: R-42047; CSD: SRT; CM: Antegrade Flow | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: R-42E61; CSD: SRT; CM: Regurgitant Flow | ANAP | AUTO |




*1 DTID (5202) Echo Section may be multiple depending on findings for instance Left Ventricle, Right Ventricle, Left Atrium, and so on.
*2 DT (125007, DCM, "Measurement Group") may be multiple depending on Toshiba Measurements Table 8.1-27 to 47.
*3 DTID (5203) Echo Measurement may be multiple depending on the number of measurement items.

Each "Meas.Label" means a unique identifier of measurement result on the Toshiba Ultrasound System. Some measurements may overlap a "Meas.Label". It means "Meas.Label" is unique within a measurement.

**Figure 8.1-1**
**Echocardiography Procedure Report SR Document IOD Template Structure**

**Table 8.1-32** to **Table 8.1-53** shows the relationship between Toshiba unique identifiers "Meas.Label" and DICOM tags structures.
Note: Meas.No, LV Parallel and Meas.Label are just for internal use, and those values are not output.

**Table 8.1-32**
**Cardiac 2D-Mode LV measurement (MOD Simpson method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0001 | | LVAd2 | SRT | G-0375 | Left Ventricular Diastolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0002 | | LVLd2 | LN | 18077-8 | Left Ventricle diastolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0003 | | EDV2 | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 1163 | | LVCLd2 | TSBus | 03010011 | Left Ventricular Contour Length | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | | | |
| 0007 | | LVAs2 | SRT | G-0374 | Left Ventricular systolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | DCM | 109070 | End Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0008 | | LVLs2 | LN | 18076-0 | Left Ventricle systolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | DCM | 109070 | End Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0009 | | ESV2 | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 1164 | | LVCLs2 | TSBus | 03010011 | Left Ventricular Contour Length | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | DCM | 109070 | End Systole | | | |
| 0013 | | LVAd4 | SRT | G-0375 | Left Ventricular Diastolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0014 | | LVLd4 | LN | 18077-8 | Left Ventricle diastolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0015 | | EDV4 | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 1165 | | LVCLd4 | TSBus | 03010011 | Left Ventricular Contour Length | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0019 | | LVAs4 | SRT | G-0374 | Left Ventricular systolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | DCM | 109070 | End Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0020 | | LVLs4 | LN | 18076-0 | Left Ventricle systolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | DCM | 109070 | End Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0021 | | ESV4 | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 1166 | | LVCLs4 | TSBus | 03010011 | Left Ventricular Contour Length | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | DCM | 109070 | End Systole | | | |
| 0025 | | LAa4 | TSBus | 03010002 | Left Atrium Area | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0026 | | LAd4 | TSBus | 03010003 | Left Atrium major axis | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0027 | | LAV4 | TSBus | 03010004 | Left Atrium Volume | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 1173 | | LACL4 | TSBus | 03010013 | Left Atrium Contour Length | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | | | | | | |
| 0031 | | LAa2 | TSBus | 03010002 | Left Atrium Area | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0032 | | LAd2 | TSBus | 03010003 | Left Atrium major axis | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0033 | | LAV2 | TSBus | 03010004 | Left Atrium Volume | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 1174 | | LACL2 | TSBus | 03010013 | Left Atrium Contour Length | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | | | | | | |
| 0037 | | LA W | TSBus | 03010005 | Left Atrium Width | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |
| 0039 | | LA H | TSBus | 03010006 | Left Atrium Height | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0041 | | LA D | TSBus | 03010007 | Left Atrium Depth | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |
| 0043 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | | | |
| 0045 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125207 | Method of Disks, Biplane |
| 0047 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125207 | Method of Disks, Biplane |
| 0049 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125207 | Method of Disks, Biplane |
| 0051 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125207 | Method of Disks, Biplane |
| 0053 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125207 | Method of Disks, Biplane |
| 0055 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125207 | Method of Disks, Biplane |
| 0057 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125207 | Method of Disks, Biplane |
| 0059 | | SV4 | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0061 | | CO4 | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0063 | | EF4 | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 0065 | | SI4 | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0067 | | CI4 | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0069 | | SV2 | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0071 | | CO2 | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0073 | | EF2 | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | | | | DCM | 125208 | Method of Disks, Single Plane |
| 0075 | | SI2 | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0077 | | CI2 | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32020 | Systole | DCM | 125208 | Method of Disks, Single Plane |
| 0079 | | LVLd Diff | TSBus | 03010000 | LV_Ldiff_d_BP MOD | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |
| 0080 | | LVLs Diff | TSBus | 03010001 | LV_Ldiff_s_BP MOD | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | | | |
| 0083 | | LAV | TSBus | 0301000B | Left Atrium Volume Biplane Method of Disks. | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125207 | Method of Disks, Biplane |
| 0085 | | LAVI | TSBus | 0301000C | Left Atrium Volume Index | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |
| 0087 | | LAVI2 | TSBus | 0301000C | Left Atrium Volume Index | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0089 | | LAVI4 | TSBus | 0301000C | Left Atrium Volume Index | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32011 | End Diastole | DCM | 125208 | Method of Disks, Single Plane |
| 0091 | | LA_Vol | TSBus | 0301000F | Left Atrium Volume 3 axis method | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |
| 0093 | | LA_VI | TSBus | 0301000A | Left Atrium Volume Index 3 axis method | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0095 | | LAV(AL) | TSBus | 03010010 | Left Atrium Volume Biplane Area-Length | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125204 | Area-Length Biplane |
| 0097 | | LAVI(AL) | TSBus | 0301000C | Left Atrium Volume Index | SRT | T-32300 | Left Atrium | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125204 | Area-Length Biplane |
| 1167 | | GLS4 (MOD) | TSBus | 03010012 | Left Ventricular Global Longitudinal Strain | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | | | | | | |
| 1168 | | GLS2 (MOD) | TSBus | 03010012 | Left Ventricular Global Longitudinal Strain | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | | | | | | |
| 1169 | | GLS (MOD) | TSBus | 03010012 | Left Ventricular Global Longitudinal Strain | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | | | |

**Table 8.1-33**
**Cardiac 2D-Mode LV measurement (Teichholz method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0150 | 4 Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0155 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0161 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0167 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0154 | 3 Section | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0160 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0166 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0172 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0176 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0180 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0099 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0149 | 1Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0153 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0159 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0165 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0171 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0175 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0179 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0101 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0103 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |
| 0105 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0107 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0109 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125209 | Teichholz |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0111 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | | | |
| 0113 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0115 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0117 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0119 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0121 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0123 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030005 | Mass AVCube with Teichholz |
| 0125 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0127 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0129 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0131 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030005 | Mass AVCube with Teichholz |
| 0133 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0135 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030003 | Mass PennCube with Teichholz |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0137 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0139 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030005 | Mass AVCube with Teichholz |
| 0141 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0143 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0145 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0147 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030005 | Mass AVCube with Teichholz |

**Table 8.1-34**
**Cardiac 2D-Mode LV measurement (Cube method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0234 | 4Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0239 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0245 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0251 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0256 | 3Section | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0260 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0264 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0238 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0244 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0250 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0183 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0233 | 1Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0237 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0243 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0249 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0255 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0259 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0263 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0185 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0187 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0189 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0191 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0193 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125206 | Cube Method |
| 0195 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | | | |
| 0197 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0199 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0201 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030006 | Mass ASECube with Cube |
| 0203 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030007 | Mass PennCube with Cube |
| 0205 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0207 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030009 | Mass AVCube with Cube |
| 0209 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030006 | Mass ASECube with Cube |
| 0211 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030007 | Mass PennCube with Cube |
| 0213 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0215 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030009 | Mass AVCube with Cube |
| 0217 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030006 | Mass ASECube with Cube |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0219 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030007 | Mass PennCube with Cube |
| 0221 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0223 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030009 | Mass AVCube with Cube |
| 0225 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030006 | Mass ASECube with Cube |
| 0227 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030007 | Mass PennCube with Cube |
| 0229 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0231 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 03030009 | Mass AVCube with Cube |

**Table 8.1-35**
**Cardiac 2D-Mode LV measurement (Gibson method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0318 | 4Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0323 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0329 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0335 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0340 | 3Section | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0344 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0348 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0322 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0328 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0334 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0267 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0317 | 1Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0321 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0327 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0333 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0339 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0343 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0347 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0269 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0271 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0273 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0275 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0277 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0279 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | | | |
| 0281 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0283 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0285 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0287 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0289 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0291 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000D | Mass AVCube with Gibson |
| 0293 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0295 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0297 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0299 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000D | Mass AVCube with Gibson |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0301 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0303 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0305 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0307 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000D | Mass AVCube with Gibson |
| 0309 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0311 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0313 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0315 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | TSBus | 0303000D | Mass AVCube with Gibson |

**Table 8.1-36**
**Cardiac 2D-Mode LV measurement (Single plane method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0351 | | LVALd | SRT | G-0375 | Left Ventricular Diastolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | SRT | F-32011 | End Diastole | DCM | 125205 | Area-Length Single Plane |
| 0353 | | LVALs | SRT | G-0374 | Left Ventricular Systolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | DCM | 109070 | End Systole | DCM | 125205 | Area-Length Single Plane |
| 0355 | | LVLd | LN | 18077-8 | Left Ventricle diastolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32011 | End Diastole | DCM | 125205 | Area-Length Single Plane |
| 0357 | | LVLs | LN | 18076-0 | Left Ventricle systolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | DCM | 109070 | End Systole | DCM | 125205 | Area-Length Single Plane |
| 0359 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125205 | Area-Length Single Plane |
| 0361 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125205 | Area-Length Single Plane |
| 0363 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125205 | Area-Length Single Plane |
| 0365 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125205 | Area-Length Single Plane |
| 0367 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125205 | Area-Length Single Plane |
| 0369 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125205 | Area-Length Single Plane |
| 0371 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125205 | Area-Length Single Plane |
| 0373 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125205 | Area-Length Single Plane |

**Table 8.1-37**
**Cardiac 2D-Mode LV measurement (Biplane method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0375 | | LVALd | LN | G-0375 | Left Ventricular Diastolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | SRT | F-32011 | End Diastole | DCM | 125204 | Area-Length Biplane |
| 0377 | | LVAMd | LN | G-0375 | Left Ventricular Diastolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-039A | Parasternal short axis at the Mitral Valve level | SRT | F-32011 | End Diastole | DCM | 125204 | Area-Length Biplane |
| 0379 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | | | | DCM | 125204 | Area-Length Biplane |
| 0381 | | LVALs | SRT | G-0374 | Left Ventricular Systolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | DCM | 109070 | End Systole | DCM | 125204 | Area-Length Biplane |
| 0383 | | LVAMs | SRT | G-0374 | Left Ventricular Systolic Area | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-039A | Parasternal short axis at the Mitral Valve level | DCM | 109070 | End Systole | DCM | 125204 | Area-Length Biplane |
| 0385 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | DCM | 109070 | End Systole | DCM | 125204 | Area-Length Biplane |
| 0387 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125204 | Area-Length Biplane |
| 0389 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125204 | Area-Length Biplane |
| 0391 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125204 | Area-Length Biplane |
| 0393 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125204 | Area-Length Biplane |
| 0395 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125204 | Area-Length Biplane |
| 0397 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | DCM | 125204 | Area-Length Biplane |
| 0399 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125204 | Area-Length Biplane |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0401 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | DCM | 125204 | Area-Length Biplane |

**Table 8.1-38**
**Cardiac 2D-Mode LV measurement (Bullet method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0403 | | LVAMd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-039A | Parasternal short axis at the Mitral Valve level | | | | TSBus | 03500000 | Bullet Method |
| 0405 | | LVLd | LN | 18077-8 | Left Ventricle diastolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | SRT | F-32011 | End Diastole | TSBus | 03500000 | Bullet Method |
| 0407 | | LVAMs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-039A | Parasternal short axis at the Mitral Valve level | DCM | 109070 | End Systole | TSBus | 03500000 | Bullet Method |
| 0409 | | LVLs | LN | 18076-0 | Left Ventricle systolic major axis | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | SRT | G-0395 | Apical long axis | DCM | 109070 | End Systole | TSBus | 03500000 | Bullet Method |
| 0411 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 03500000 | Bullet Method |
| 0413 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 03500000 | Bullet Method |
| 0415 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 03500000 | Bullet Method |
| 0417 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 03500000 | Bullet Method |
| 0419 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 03500000 | Bullet Method |
| 0421 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | | | | TSBus | 03500000 | Bullet Method |
| 0423 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 03500000 | Bullet Method |
| 0425 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-03A2 | 2D mode | | | | SRT | F-32020 | Systole | TSBus | 03500000 | Bullet Method |

**Table 8.1-39**
**Cardiac M-Mode Aortic Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0427 | | Ao Diam | LN | 18015-8 | Aortic Root Diameter | SRT | T-35400 | Aortic Valve | | | | | | | DCM | 109070 | End Systole | | | |
| 0429 | | LA Diam | TSBus | 030D0001 | Left atrial diameter | SRT | T-35400 | Aortic Valve | | | | | | | SRT | F-32011 | End Diastole | | | |
| 0431 | | ET | LN | 18041-4 | Aortic Valve Ejection Time | SRT | T-35400 | Aortic Valve | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | | | |
| 0433 | | AoV Diam | LN | 17996-0 | Aortic Valve Cusp Separation | SRT | T-35400 | Aortic Valve | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | | | |
| 0435 | | LA/Ao | LN | 17985-3 | Left Atrium to Aortic Root Ratio | SRT | T-35400 | Aortic Valve | SRT | G-0394 | M mode | | | | | | | | | |

**Table 8.1-40**
**Cardiac M-Mode Mitral Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0437 | | EPSS | LN | 18036-4 | Mitral Valve EPSS, E wave | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0439 | | EF Slope | LN | 18040-6 | Mitral Valve E-F Slope by M-Mode | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0441 | | CE Amp | TSBus | 030F0002 | E-wave amplitude | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0443 | | CA Amp | TSBus | 030F0003 | A-wave amplitude | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0445 | | DE Amp | TSBus | 030F0001 | DE-wave amplitude | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0447 | | DE Slope | TSBus | 030F0000 | Mitral valve opening rate | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 0449 | | CA/CE | LN | 18038-0 | Mitral Valve E to A Ratio | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |
| 1170 | | MAPSE | TSBus | 030F0004 | Mitral annular plane systolic excursion | SRT | T-35300 | Mitral Valve | SRT | G-0394 | M mode | | | | | | | | | |

**Table 8.1-41**
**Cardiac M-Mode LV measurement (Teichholz method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0506 | 4Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0511 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0517 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0523 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0510 | 3Section | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0516 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0522 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0528 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0532 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0536 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0453 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0451 | 1Section | ET | DCM | 122211 | Left Ventricular ejection time | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0509 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0505 | | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |
| 0515 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0521 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125209 | Teichholz |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0527 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0531 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0535 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125209 | Teichholz |
| 0455 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0457 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0459 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0461 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0463 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125209 | Teichholz |
| 0465 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0467 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0469 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125209 | Teichholz |
| 0471 | | MVCF | TSBus | 031B0000 | M_LV_MVCFS | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0473 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0475 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0477 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0479 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030005 | Mass AVCube with Teichholz |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0481 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0483 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0485 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0487 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030005 | Mass AVCube with Teichholz |
| 0489 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0491 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0493 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0495 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030005 | Mass AVCube with Teichholz |
| 0497 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030002 | Mass ASECube with Teichholz |
| 0499 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030003 | Mass PennCube with Teichholz |
| 0501 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030004 | Mass Teichholz with Teichholz |
| 0503 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030005 | Mass AVCube with Teichholz |

**Table 8.1-42**
**Cardiac M-Mode LV measurement (Cube method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0594 | 4Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0599 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0605 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0611 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0598 | 3Section | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0604 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0610 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0616 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0620 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0624 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0541 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0539 | 1Section | ET | DCM | 122211 | Left Ventricular ejection time | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0593 | | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0597 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |
| 0603 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0609 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | DCM | 125206 | Cube Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0615 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0619 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0623 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | DCM | 125206 | Cube Method |
| 0543 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0545 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0547 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0549 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0551 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | DCM | 125206 | Cube Method |
| 0553 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0555 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0557 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | DCM | 125206 | Cube Method |
| 0559 | | MVCF | TSBus | 031B0000 | M_LV_MVCFS | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0561 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030006 | Mass ASECube with Cube |
| 0563 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030007 | Mass PennCube with Cube |
| 0565 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0567 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030009 | Mass AVCube with Cube |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0569 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030006 | Mass ASECube with Cube |
| 0571 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030007 | Mass PennCube with Cube |
| 0573 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0575 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 03030009 | Mass AVCube with Cube |
| 0577 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030006 | Mass ASECube with Cube |
| 0579 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030007 | Mass PennCube with Cube |
| 0581 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0583 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030009 | Mass AVCube with Cube |
| 0585 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030006 | Mass ASECube with Cube |
| 0587 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030007 | Mass PennCube with Cube |
| 0589 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030008 | Mass Teichholz with Cube |
| 0591 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 03030009 | Mass AVCube with Cube |

**Table 8.1-43**
**Cardiac M-Mode LV measurement (Gibson method)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0682 | 4Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0687 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0693 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0699 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0686 | 3Section | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0692 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0698 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0704 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0708 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0712 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0629 | | HR | LN | 8867-4 | Heart rate | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0681 | 1Section | RVD | LN | 20304-2 | Right Ventricular Internal Diastolic Dimension | SRT | T-32500 | Right Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0627 | | ET | DCM | 122211 | Left Ventricular ejection time | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0685 | | IVSTd | LN | 18154-5 | Interventricular Septum Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |
| 0691 | | LVIDd | LN | 29436-3 | Left Ventricle Internal End Diastolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0697 | | LVPWTd | LN | 18152-9 | Left Ventricle Posterior Wall Diastolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0317000A | Gibson Method |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0703 | | IVSTs | LN | 18158-6 | Interventricular Septum Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0707 | | LVIDs | LN | 29438-9 | Left Ventricle Internal Systolic Dimension | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0711 | | LVPWTs | LN | 18156-0 | Left Ventricle Posterior Wall Systolic Thickness | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0317000A | Gibson Method |
| 0631 | | EDV | LN | 18026-5 | Left Ventricular End Diastolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0633 | | ESV | LN | 18148-7 | Left Ventricular End Systolic Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0635 | | SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0637 | | CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0639 | | EF | LN | 18043-0 | Left Ventricular Ejection Fraction | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | TSBus | 0317000A | Gibson Method |
| 0641 | | FS | LN | 18051-3 | Left Ventricular Fractional Shortening | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0643 | | SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0645 | | CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32020 | Systole | TSBus | 0317000A | Gibson Method |
| 0647 | | MVCF | TSBus | 031B0000 | M_LV_MVCFS | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | | | | | | |
| 0649 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0651 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0653 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0655 | | LV MASSd | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000D | Mass AVCube with Gibson |
| 0657 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000A | Mass ASECube with Gibson |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0659 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0661 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0663 | | LV MASSd Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | SRT | F-32011 | End Diastole | TSBus | 0303000D | Mass AVCube with Gibson |
| 0665 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0667 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0669 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0671 | | LV MASSs | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000D | Mass AVCube with Gibson |
| 0673 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000A | Mass ASECube with Gibson |
| 0675 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000B | Mass PennCube with Gibson |
| 0677 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000C | Mass Teichholz with Gibson |
| 0679 | | LV MASSs Index | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | SRT | G-0394 | M mode | | | | DCM | 109070 | End Systole | TSBus | 0303000D | Mass AVCube with Gibson |

**Table 8.1-44**
**Cardiac M-Mode Tricuspid Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1172 | | TAPSE | TSBus | 03290000 | Tricuspid annular plane systolic excursion | SRT | T-35100 | Tricuspid Valve | SRT | G-0394 | M mode | | | | | | | | | |

**Table 8.1-45**
**Cardiac Doppler-Mode Aortic Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0715 | | AoV VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0716 | | AoV VM | LN | 20352-1 | Mean Velocity | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0717 | | AoV VP | LN | 11726-7 | Peak Velocity | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0718 | | AoV MPG | DCM | 122197 | Gradient pressure, average | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0719 | | AoV PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0725 | | LVOT VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0726 | | LVOT VM | LN | 20352-1 | Mean Velocity | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0727 | | LVOT VP | LN | 11726-7 | Peak Velocity | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0728 | | LVOT MPG | DCM | 122197 | Gradient pressure, average | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0729 | | LVOT PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0735 | | LVOT Diam | SRT | G-038F | Cardiovascular Orifice Diameter | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | DCM | 109070 | End Systole | | | | | | |
| 0737 | | AcT | LN | 20168-1 | Acceleration Time | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | |
| 0739 | | ET | LN | 18041-4 | Aortic Valve Ejection Time | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0741 | | AoV Vel | LN | 11653-3 | End Diastolic Velocity | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | R-42047 | Antegrade Flow | | | |
| 0742 | | AoV PG | LN | 20247-3 | Peak Gradient | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0745 | | LVOT Vel | LN | 11653-3 | End Diastolic Velocity | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | | | | SRT | R-42047 | Antegrade Flow | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0746 | | LVOT PG | LN | 20247-3 | Peak Gradient | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0749 | | AR VM | LN | 20352-1 | Mean Velocity | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0750 | | AR VP | LN | 11726-7 | Peak Velocity | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0751 | | AR MPG | DCM | 122197 | Gradient pressure, average | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 0752 | | AR PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 1171 | | AR VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0757 | | AR Vmax | TSBus | 03070006 | AR Vmax | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0758 | | AR Ved | TSBus | 03070007 | AR Ved | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0759 | | Time | LN | 20217-6 | Deceleration Time | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0760 | | DecelRate | LN | 20216-8 | Deceleration Slope | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0761 | | AR PGmax | TSBus | 03070008 | AR PGmax | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0762 | | AR PGed | TSBus | 03070009 | AR PGed | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0769 | | Ao Diam | LN | 18015-8 | Aortic Root Diameter | SRT | T-35400 | Aortic Valve | SRT | G-03A2 | 2D mode | DCM | 109070 | End Systole | | | | | | |
| 0771 | | LA Diam | TSBus | 030D0001 | Left atrial diameter | SRT | T-35400 | Aortic Valve | SRT | G-03A2 | 2D mode | SRT | F-32011 | End Diastole | | | | | | |
| 0773 | | HR | LN | 8867-4 | Heart rate | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | |
| 0775 | | LVOT SV | SRT | F-32120 | Stroke Volume | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0777 | | LVOT CO | SRT | F-32100 | Cardiac Output | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0779 | | LVOT SI | SRT | F-00078 | Stroke Index | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0781 | | LVOT CI | SRT | F-32110 | Cardiac Index | SRT | T-32600 | Left Ventricle | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0783 | | AoV Area | SRT | F-0231F | Aortic Valve Area | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | DCM | 125215 | Continuity Equation by Velocity Time Integral |
| 0785 | | AoV Area Index | TSBus | 03070000 | AoV Area Index | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | DCM | 125215 | Continuity Equation by Velocity Time Integral |
| 0787 | | LA/Ao | LN | 17985-3 | Left Atrium to Aortic Root Ratio | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | |
| 0789 | | PHT | LN | 20280-4 | Pressure Half-Time | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | |
| 0791 | | Qp/Qs (SV) | LN | 29462-9 | Pulmonary-to-Systemic Shunt Flow Ratio | SRT | P5-30031 | Cardiac Shunt Study | TSBus | 03210001 | Doppler mode | | | | | | | TSBus | 0307000B | Equation by Stroke volume |
| 0793 | | Qp/Qs (CO) | LN | 29462-9 | Pulmonary-to-Systemic Shunt Flow Ratio | SRT | P5-30031 | Cardiac Shunt Study | TSBus | 03210001 | Doppler mode | | | | | | | TSBus | 0307000C | Equation by Cardiac Output |
| 0795 | | AcT/ET | SRT | G-0382 | Ratio of Aortic Valve Acceleration Time to Ejection Time | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | |
| 0797 | | RF (AoV) | SRT | G-0390 | Regurgitant Fraction | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 0799 | | R Vol (AoV) | TSBus | 0309000D | Regurgitation volume | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 0801 | | LVOT/AoV (VP) | TSBus | 03070001 | LVOT/AoV (VP) | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0803 | | LVOT/AoV (VTI) | TSBus | 03070002 | LVOT/AoV (VTI) | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |
| 0805 | | LVOT/AoV (Vel) | TSBus | 03070003 | LVOT/AoV (Vel) | SRT | T-35400 | Aortic Valve | TSBus | 03210001 | Doppler mode | SRT | F-32020 | Systole | | | | | | |

**Table 8.1-46**
**Cardiac Doppler-Mode Mitral Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0807 | | A' lat | TSBus | 03090004 | Myocardial Velocity of A' lat | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0809 | | E' sep | TSBus | 0309000E | Myocardial Velocity of E' sep | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0811 | | A' sep | TSBus | 0309000F | Myocardial Velocity of A' sep | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0813 | | E Dur | TSBus | 03090001 | Mitral Valve E-wave duration | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0815 | | A Dur | SRT | G-0385 | Mitral Valve A-Wave Duration | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0817 | | IVRT | TSBus | 03090002 | Isovelocity relaxation time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0819 | | MV VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0820 | | MV VP | LN | 11726-7 | Peak Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0821 | | MV VM | LN | 20352-1 | Mean Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0822 | | MV PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0823 | | MV MPG | DCM | 122197 | Gradient pressure, average | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0829 | | MV DistA | SRT | G-038F | Cardiovascular Orifice Diameter | SRT | T-35300 | Mitral Valve | SRT | G-03A2 | 2D mode | SRT | G-A19C | Apical four chamber | SRT | F-32010 | Diastole | | | | | | |
| 0831 | | MV DistB | SRT | G-038F | Cardiovascular Orifice Diameter | SRT | T-35300 | Mitral Valve | SRT | G-03A2 | 2D mode | SRT | G-A19B | Apical two chamber | SRT | F-32010 | Diastole | | | | | | |
| 0833 | | MV Area (2D) | SRT | F-02320 | Mitral Valve Area | SRT | T-35300 | Mitral Valve | SRT | G-03A2 | 2D mode | | | | SRT | F-32010 | Diastole | | | | DCM | 125220 | Planimetry |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0835 | | HR | LN | 8867-4 | Heart rate | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0837 | | E/A | LN | 18038-0 | Mitral Valve E to A Ratio | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0839 | | A/E | TSBus | 03090000 | Mitral Valve A to E Ratio | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0843 | | MV SV | SRT | F-32120 | Stroke Volume | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0845 | | MV CO | SRT | F-32100 | Cardiac Output | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0847 | | MV SI | SRT | F-00078 | Stroke Index | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0849 | | MV CI | SRT | F-32110 | Cardiac Index | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0851 | | MVArea PHT | SRT | F-02320 | Mitral Valve Area | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | DCM | 125210 | Area by Pressure Half-Time |
| 0884 | | dP/dt | LN | 18035-6 | Mitral Regurgitation dP/dt derived from Mitral Reg. velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0855 | | RF (MV) | SRT | G-0390 | Regurgitant Fraction | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 0857 | | R Vol (MV) | TSBus | 0309000D | Regurgitation volume | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 0859 | | Diff A Dur | TSBus | 0309000C | Diff A Dur | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0861 | | E' Vel | TSBus | 03090010 | Mean Myocardial Velocity of E' sep and E' lat | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0863 | | A' Vel | TSBus | 03090011 | Mean Myocardial Velocity of A' sep and A' lat | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0865 | | E/E' sep | TSBus | 03090012 | Ratio of Mitral Valve E to E' sep | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0867 | | E/E' lat | TSBus | 03090014 | Ratio of Mitral Valve E to E' lat | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0869 | | E/E' | TSBus | 03090013 | Ratio of Mitral Valve E to E' | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0871 | | E Vel | LN | 18037-2 | Mitral Valve E-Wave Peak Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0872 | | E Vel (EPeakVmax_DCT) | LN | 18037-2 | Mitral Valve E-Wave Peak Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0873 | | E Vel (EPeakVmax_DCTPHT) | LN | 18037-2 | Mitral Valve E-Wave Peak Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0875 | | A Vel | LN | 17978-8 | Mitral Valve A-Wave Peak Velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0877 | | E' lat | TSBus | 03090003 | Myocardial Velocity of E' lat | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0878 | | DcT | SRT | G-0384 | Mitral Valve E-Wave Deceleration Time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0879 | | DcT (EPeakVmax_DCT) | SRT | G-0384 | Mitral Valve E-Wave Deceleration Time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0880 | | DcT (EPeakVmax_DCTPHT) | SRT | G-0384 | Mitral Valve E-Wave Deceleration Time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0882 | | PHT | LN | 20280-4 | Pressure Half-Time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0883 | | PHT (EPeakVmax_DCTPHT) | LN | 20280-4 | Pressure Half-Time | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0885 | | dP/dt (DPDTM1M3) | LN | 18035-6 | Mitral Regurgitation dP/dt derived from Mitral Reg. velocity | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0886 | | Vel1 | TSBus | 03090009 | D_MV_DPDTM1M3_s_MCR_VELOCITY_1 | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0887 | | Vel1 (DPDTM1M3) | TSBus | 03090009 | D_MV_DPDTM1M3_s_MCR_VELOCITY_1 | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0888 | | Vel2 | TSBus | 0309000A | D_MV_DPDTM1M3_s_MCR_VELOCITY_2 | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0889 | | Vel2 (DPDTM1M3) | TSBus | 0309000A | D_MV_DPDTM1M3_s_MCR_VELOCITY_2 | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0890 | | dt | TSBus | 03090008 | D_MV_DPDTM1M3_s_MCR_TIME | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0891 | | dt(DPDTM1M3) | TSBus | 03090008 | D_MV_DPDTM1M3_s_MCR_TIME | SRT | T-35300 | Mitral Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |

**Table 8.1-47**
**Cardiac Doppler-Mode Pulmonary vein blood flow waveform measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0913 | | S1 Vel | TSBus | 03130001 | S1-wave velocity | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0915 | | S2 Vel | LN | 29450-4 | Pulmonary Vein Systolic Peak Velocity | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0917 | | D Vel | LN | 29451-2 | Pulmonary Vein Diastolic Peak Velocity | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0919 | | DcT | LN | 20217-6 | Deceleration Time | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0921 | | PVA Vel | TSBus | 03130002 | AR-wave velocity | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0923 | | PVA Dur | SRT | G-038B | Pulmonary Vein A-Wave Duration | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0925 | | S VTI | SRT | G-038C | Pulmonary Vein S-Wave Velocity Time Integral | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0927 | | D VTI | SRT | G-038D | Pulmonary Vein D-Wave Velocity Time Integral | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0929 | | S/D | LN | 29452-0 | Pulmonary Vein Systolic to Diastolic Ratio | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0931 | | Sys.Fract | TSBus | 03130000 | PVein_SF | SRT | T-48581 | Pulmonary Venous Structure | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |

**Table 8.1-48**
**Cardiac Doppler-Mode Tricuspid Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0935 | | TV E Vel | LN | 18031-5 | Tricuspid Valve E Wave Peak Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0937 | | TV A Vel | LN | 18030-7 | Tricuspid Valve A Wave Peak Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0939 | | TV DcT | LN | 20217-6 | Deceleration Time | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | | | | | | |
| 0941 | | TV VTI d | LN | 20354-7 | Velocity Time Integral | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0942 | | TV VP d | LN | 11726-7 | Peak Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0943 | | TV VM d | LN | 20352-1 | Mean Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 0944 | | TV PPG d | DCM | 122198 | Gradient pressure, peak | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0945 | | TV MPG d | DCM | 122197 | Gradient pressure, average | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0951 | | TR VTI s | LN | 20354-7 | Velocity Time Integral | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0952 | | TR VP s | LN | 11726-7 | Peak Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0953 | | TR VM s | LN | 20352-1 | Mean Velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0954 | | TR PPG s | DCM | 122198 | Gradient pressure, peak | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 0955 | | TR MPG s | DCM | 122197 | Gradient pressure, average | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 0961 | | TR Vmax | TSBus | 03150001 | MaximumTricuspid Valve regurgitation velocity | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0962 | | TR PGmax | TSBus | 03150002 | MaximumTricuspid Valve regurgitation pressure gradient | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0965 | | RA Press | SRT | F-03DE9 | Right Atrial Pressure | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0967 | | RVs Press | SRT | F-03DFE | Right Ventricular Systolic Pressure | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0969 | | E/A | LN | 18039-8 | Tricuspid Valve E to A Ratio | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0971 | | A/E | TSBus | 03150000 | Tricuspid Valve A to E ratio | SRT | T-35100 | Tricuspid Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |

**Table 8.1-49**
**Cardiac Doppler-Mode Pulmonary Valve measurement**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0973 | | PV VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0974 | | PV VP | LN | 11726-7 | Peak Velocity | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0975 | | PV VM | LN | 20352-1 | Mean Velocity | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | | | |
| 0976 | | PV PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0977 | | PV MPG | DCM | 122197 | Gradient pressure, average | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 0983 | | PV Diam | SRT | M-02550 | Diameter | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0985 | | HR | LN | 8867-4 | Heart rate | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0987 | | RV PEP | TSBus | 030B0002 | Doppler-mode time measurement | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0989 | | RV AcT | LN | 20168-1 | Acceleration Time | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 0991 | | RV ET | DCM | 122213 | Right Ventricular Ejection Time | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 0993 | | PR VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0994 | | PR VP | LN | 11726-7 | Peak Velocity | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0995 | | PR VM | LN | 20352-1 | Mean Velocity | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 0996 | | PR PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 0997 | | PR MPG | DCM | 122197 | Gradient pressure, average | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32010 | Diastole | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1003 | | PR Ved | LN | 11653-3 | End Diastolic Velocity | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 1004 | | PR PGed | TSBus | 030B0003 | Pressure gradient on PV regurgitation waveform | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32011 | End Diastole | SRT | R-42E61 | Regurgitant Flow | | | |
| 1007 | | PV Vmax | TSBus | 030B0006 | PV Vmax | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Diastole | SRT | R-42047 | Antegrade Flow | | | |
| 1008 | | PV PGmax | TSBus | 030B0007 | PV PGmax | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | SRT | R-42047 | Antegrade Flow | DCM | 125218 | Simplified Bernoulli |
| 1011 | | RA Press | SRT | F-03DE9 | Right Atrial Pressure | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 1013 | | AcT/ET | SRT | G-0388 | Ratio of Pulmonic Valve Acceleration Time to Ejection Time | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 1015 | | STI | TSBus | 030B0000 | P_HT_STI | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |
| 1017 | | PV SV | SRT | F-32120 | Stroke Volume | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 1019 | | PV CO | SRT | F-32100 | Cardiac Output | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 1021 | | PV SI | SRT | F-00078 | Stroke Index | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 1023 | | PV CI | SRT | F-32110 | Cardiac Index | SRT | T-32500 | Right Ventricle | TSBus | 03210001 | Doppler mode | | | | SRT | F-32020 | Systole | | | | | | |
| 1029 | | PAs Press | TSBus | 030B0001 | P_HT_PAPed | SRT | T-35200 | Pulmonic Valve | TSBus | 03210001 | Doppler mode | | | | | | | | | | | | |

**Table 8.1-50**
**Extra Measurements LV Mass AL (Area-Length)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1031 | | A epi | TSBus | 03400006 | Epicardium area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1033 | | A endo | TSBus | 03400007 | Endocardium area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1035 | | LVL | LN | 18077-8 | Left Ventricle diastolic major axis | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1037 | | t | TSBus | 03400001 | myocardial thickness | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1039 | | LV Mass | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1041 | | MassIdx | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |

**Table 8.1-51**
**Extra Measurements LV Mass TE (Truncated Ellipsoid)**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1043 | | A epi | TSBus | 03400006 | Epicardium area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1045 | | A endo | TSBus | 03400007 | Endocardium area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1047 | | a | TSBus | 03230000 | B_LV_LenSMA_d | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1049 | | d | TSBus | 03230003 | B_LV_LenTSMA_d | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |
| 1051 | | t | TSBus | 03400001 | myocardial thickness | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | DCM | 125222 | Left Ventricle Mass by Truncated Ellipse |
| 1053 | | LV Mass | LN | 18087-7 | Left Ventricle Mass | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | DCM | 125222 | Left Ventricle Mass by Truncated Ellipse |
| 1055 | | MassIdx | TSBus | 03030001 | Left Ventricular Mass divided by Body Surface Area | SRT | T-32600 | Left Ventricle | | | | | | | SRT | F-32011 | End Diastole | | | | | | |

**Table 8.1-52**
**Extra Measurements PISA**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1057 | | Radius | TSBus | 03250001 | Radius | SRT | T-32600 | Left Ventricle | | | | | | | | | | | | | | | |
| 1059 | | Alias Vel | TSBus | 03250002 | Alias Velocity | SRT | T-32600 | Left Ventricle | | | | | | | | | | | | | | | |
| 1061 | | VP | LN | 11726-7 | Peak Velocity | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 1062 | | VTI | LN | 20354-7 | Velocity Time Integral | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 1063 | | PPG | DCM | 122198 | Gradient pressure, peak | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 1064 | | MPG | DCM | 122197 | Gradient pressure, average | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | DCM | 125218 | Simplified Bernoulli |
| 1069 | | Flow Rate | LN | 34141-2 | Peak Instantaneous Flow Rate | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |
| 1071 | | EOArea | TSBus | 03250003 | Effective Opening area | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | DCM | 125216 | Proximal Isovelocity Surface Area |
| 1073 | | FlowVol | LN | 33878-0 | Volume flow | SRT | T-32600 | Left Ventricle | | | | | | | | | | SRT | R-42E61 | Regurgitant Flow | | | |

**Table 8.1-53**
**Extra Measurements Coronary**

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1075 | | RCA Base Vel | TSBus | 0327000B | Flow velocity before loading | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1077 | | RCA Hyper Vel | TSBus | 0327000C | Flow velocity after loading | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1079 | | (RCA) VP base | LN | 11726-7 | Peak Velocity | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1080 | | (RCA) VM base | LN | 20352-1 | Mean Velocity | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1081 | | (RCA) DcT (base) | LN | 20217-6 | Deceleration Time | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1082 | | (RCA) PHT (base) | LN | 20280-4 | Pressure Half-Time | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1087 | | (RCA) VP Hyper | LN | 11726-7 | Peak Velocity | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1088 | | (RCA) VM Hyper | LN | 20352-1 | Mean Velocity | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1089 | | (RCA) DcT (Hyper) | LN | 20217-6 | Deceleration Time | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1090 | | (RCA) PHT (Hyper) | LN | 20280-4 | Pressure Half-Time | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1095 | | (RCA) CFR Vel Ratio | TSBus | 0327000D | Vel hyper/Vel base | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1097 | | (RCA) CFR VP Ratio | TSBus | 0327000E | VP hyper/VP base | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1099 | | (RCA) CFR VM Ratio | TSBus | 0327000F | VM hyper/VM base | TSBus | 3270000 | Right Coronary Artery | | | | | | | | | | | | | | | |
| 1101 | | (LAD) Vel Base | TSBus | 0327000B | Flow velocity before loading | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1103 | | (LAD) Vel Hyper | TSBus | 0327000C | Flow velocity after loading | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1105 | | (LAD) VP base | LN | 11726-7 | Peak Velocity | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |

| Meas.No. | LV Parallel | Meas. Label | TID (5203) Echo Measurement $Measurement | | | TID (5202) Echo Section Finding Site | | | TID (5202) Echo Section Image Mode | | | TID (5203) Echo Measurement Image View | | | TID (5203) Echo Measurement Cardiac Cycle Point | | | TID (5203) Echo Measurement Flow Direction | | | DTID (300) Measurement Measurement Method | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1106 | | (LAD) VM base | LN | 20352-1 | Mean Velocity | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1107 | | (LAD) DcT (base) | LN | 20217-6 | Deceleration Time | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1108 | | (LAD) PHT (base) | LN | 20280-4 | Pressure Half-Time | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1113 | | (LAD) VP Hyper | LN | 11726-7 | Peak Velocity | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1114 | | (LAD) VM Hyper | LN | 20352-1 | Mean Velocity | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1115 | | (LAD) DcT (Hyper) | LN | 20217-6 | Deceleration Time | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1116 | | (LAD) PHT (Hyper) | LN | 20280-4 | Pressure Half-Time | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | TSBus | 03270011 | Coronary Vasodilation |
| 1121 | | (LAD) CFR Vel Ratio | TSBus | 0327000D | Vel hyper/Vel base | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1123 | | (LAD) CFR VP Ratio | TSBus | 0327000E | VP hyper/VP base | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |
| 1125 | | (LAD) CFR VM Ratio | TSBus | 0327000F | VM hyper/VM base | TSBus | 3270001 | Left Anterior Descending Coronary Artery | | | | | | | | | | | | | | | |

**Table 8.1-54**
**SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES FOR VASCULAR ULTRASOUND REPORT TEMPLATE**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | 125100 | ALWAYS | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | Vascular Ultrasound Procedure Report | ALWAYS | AUTO |
| Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| Content Template Sequence | (0040,A504) | SQ | | ALWAYS | AUTO |
| Template Identifier | (0040,DB00) | CS | 5100 | ALWAYS | AUTO |
| Mapping Resource | (0008,0105) | CS | DCMR | ALWAYS | AUTO |
| Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121049 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Language of Content Item and descendants | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A160) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | eng | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | ISO639-2 | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | English | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS OBS CONTEXT | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121005 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Observer Type | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A160) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121007 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Device | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121118 | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Patient Characteristics | ALWAYS | AUTO |
| >Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ANAP | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 121033 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Subject Age | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | 121032 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Subject Sex | ALWAYS | AUTO |
| >>Concept Code Sequence | (0040,A160) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>Code Value | (0008,0100) | SH | 111028 | ANAP | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>Code Meaning | (0008,0104) | LO | Image Library | ANAP | AUTO |
| >Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ANAP | AUTO |
| >>Referenced SOP Sequence | (0008,1199) | SQ | | ALWAYS | AUTO |
| >>>Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | AUTO |
| >>>Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | IMAGE | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONATINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121111 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Summary | ALWAYS | AUTO |
| >Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | TEXT | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | 121106 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Comment | ALWAYS | AUTO |
| >>Text Value | (0040,A160) | UT | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121070 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Findings | ALWAYS | AUTO |
| >Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | G-C0E3 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | SRT | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Finding Site | ALWAYS | AUTO |
| >>Concept Code Sequence | (0040,A168) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | **CV** / **CSD** / **CM**<br>T-45005 / SRT / Artery of neck<br>T-47020 / SRT / Artery Of Upper Extremity | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | T-40501 / SRT / Blood Vessel of Head<br>T-47040 / SRT / Artery of Lower Extremity<br>T-49403 / SRT / Vein of Lower | ALWAYS | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >>>Code Meaning | (0008,0104) | LO | | | Extremity |
| | | | T-49103 | SRT | Vein Of Upper Extremity |
| | | | T-71019 | SRT | Vascular Structure Of Kidney |
| | | | | | ALWAYS AUTO |
| >>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | | ALWAYS AUTO |
| >>Value Type | (0040,A040) | CS | CODE | | ALWAYS AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | | ALWAYS AUTO |
| >>>Code Value | (0008,0100) | SH | G-C171 | | ALWAYS AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | SRT | | ALWAYS AUTO |
| >>>Code Meaning | (0008,0104) | LO | Laterality | | ALWAYS AUTO |
| >>Concept Code Sequence | (0040,A168) | SQ | | | ALWAYS AUTO |
| >>>Code Value | (0008,0100) | SH | **CV** | **CSD** | **CM** ALWAYS AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | G-A100 | SRT | Right ALWAYS AUTO |
| >>>Code Meaning | (0008,0104) | LO | G-A101 | SRT | Left ALWAYS AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | | ALWAYS AUTO |
| >>Value Type | (0040,A040) | CS | CONATINER | | ALWAYS AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | | ALWAYS AUTO |
| >>>Code Value | (0008,0100) | SH | **CV** | **CSD** | **CM** |
| | | | T-45100 | SRT | Common Carotid Artery |
| | | | T-45200 | SRT | External Carotid Artery |
| >>>Coding Scheme Designator | (0008,0102) | SH | T-45300 | SRT | Internal Carotid Artery |
| | | | T-45700 | SRT | Vertebral Artery |
| >>>Code Meaning | (0008,0104) | LO | T-46100 | SRT | Subclavian Artery |
| | | | T-46010 | SRT | Innominate Artery |
| | | | | | ALWAYS AUTO |
| >>Continuity of Content | (0040,A050) | CS | SEPARATE | | ALWAYS AUTO |
| >>Content Sequence | (0040,A730) | SQ | | | ALWAYS AUTO |
| >>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | | ALWAYS AUTO |
| >>>Value Type | (0040,A040) | CS | CODE | | ALWAYS AUTO |
| >>>Concept Name Code Sequence | (0040,A043) | SQ | | | ANAP AUTO |
| >>>>Code Value | (0008,0100) | SH | G-A1F8 | | ANAP AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | SRT | | ANAP AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Topographical modifier | | ANAP AUTO |
| >>>Concept Code Sequence | (0040,A160) | SQ | | | ANAP AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >>>>Code Value | (0008,0100) | SH | **CV** / **CSD** / **CM**<br>G-A118 / SRT / Proximal<br>G-A119 / SRT / Distal<br>G-A188 / SRT / Mid-longitudinal<br>G-036A / SRT / Origin of vessel<br>R-1025B / SRT / Dilated portion of segment | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>>Content Sequence | (0040,A730) | SQ | | ANAP | AUTO |
| >>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>Code Value | (0008,0100) | SH | 125101 | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | Vessel Branch | ANAP | AUTO |
| >>>Concept Code Sequence | (0040,A160) | SQ | | ANAP | AUTO |
| >>>>Code Value | (0008,0100) | SH | **CV** / **CSD** / **CM**<br>G-A100 / SRT / Right<br>G-A101 / SRT / Left | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| >>>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>>Code Value | (0008,0100) | SH | | ALWAYS | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ALWAYS | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | | ALWAYS | AUTO |
| >>>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>>Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | 121401 | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >>>>>Code Meaning | (0008,0104) | LO | Derivation | ANAP | AUTO |
| >>>>Concept Code Sequence | (0040,A160) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: R-002E1, CSD: SRT, CM: Best value<br>CV: R-00317, CSD: SRT, CM: Mean<br>CV: R-00319, CSD: , CM: Median<br>CV: R-0032E, CSD: SRT, CM: Mode | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | CV: R-00355, CSD: SRT, CM: Point source measurement<br>CV: R-00353, CSD: SRT, CM: Peak to peak<br>CV: R-41D27, CSD: SRT, CM: Visual estimation | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | CV: R-10260, CSD: SRT, CM: Estimated<br>CV: R-41D2D, CSD: SRT, CM: Calculated<br>CV: R-41D41, CSD: SRT, CM: Measured<br>CV: G-A437, CSD: SRT, CM: Maximum | ANAP | AUTO |
| >>>>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>>>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>>>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | R-4089A | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | SRT | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | Cardiac Cycle Point | ANAP | AUTO |
| >>>>Concept Code Sequence | (0040,A160) | SQ | | ANAP | AUTO |
| >>>>>Code Value | (0008,0100) | SH | CV: 109070, CSD: DCM, CM: End Systole<br>CV: F-32011, CSD: SRT, CM: End Diastole | ANAP | AUTO |
| >>>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 33868-1 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | LN | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | ICA/CCA velocity ratio | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |

| | | | | | |
|---|---|---|---|---|---|
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code Value | (0008,0100) | SH | 1 | ANAP | AUTO |
| >>>>Coding Scheme Designator | (0008,0102) | SH | UCUM | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | ratio | ANAP | AUTO |

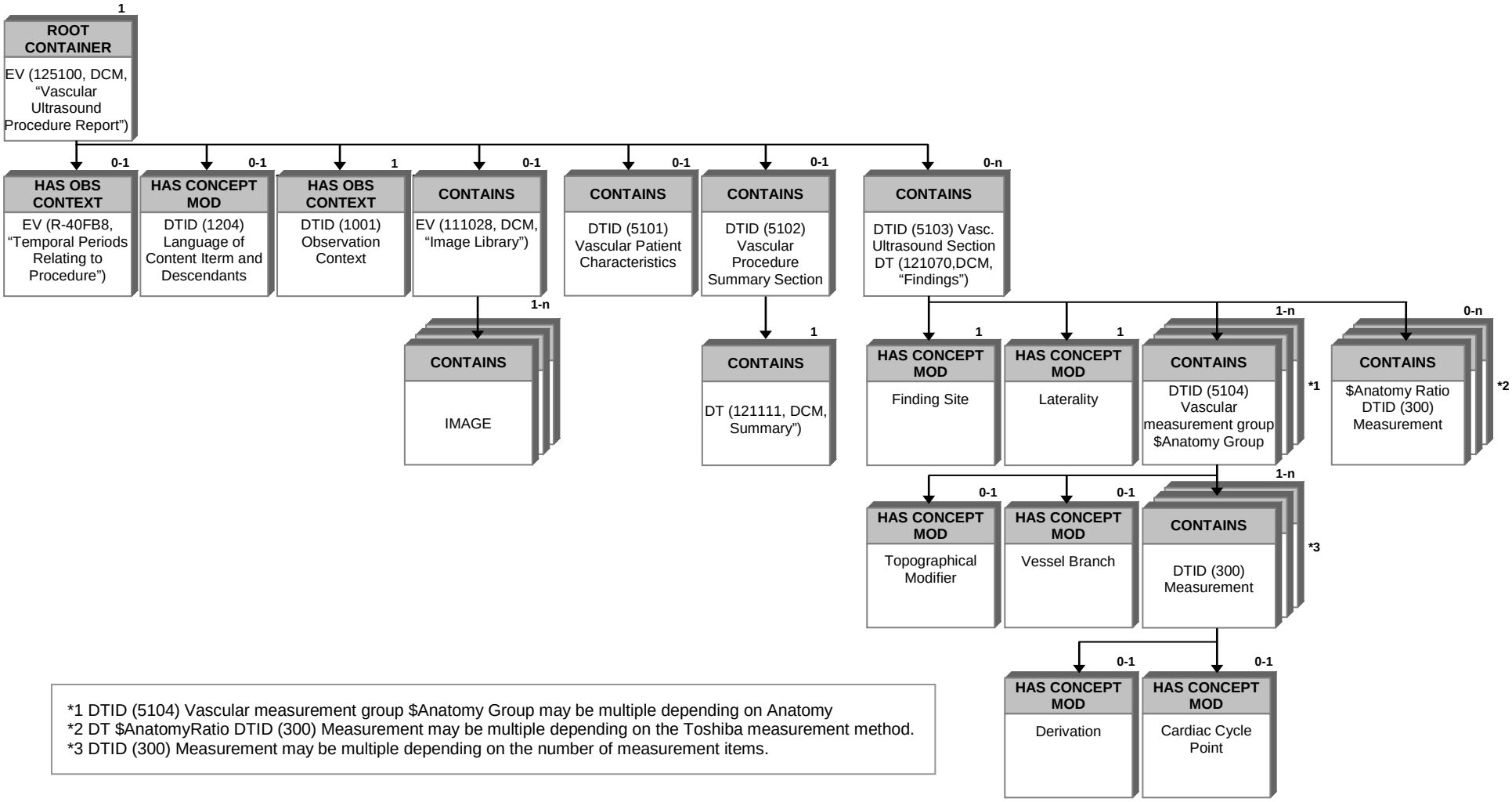



**Figure 8.1-2**
**Vascular Ultrasound Procedure Report SR Document IOD Template Structure**

**Table 8.1-55**
**Carotid-1 Measurement**

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0001 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0002 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0003 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0004 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0005 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0006 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0007 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0008 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0009 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0010 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0011 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0012 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0013 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0014 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0015 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0016 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0017 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0018 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0019 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0020 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0021 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0022 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0023 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0024 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0025 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0026 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0027 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0028 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0029 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0030 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0031 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0032 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0033 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0034 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0035 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0036 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0037 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0038 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0039 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0040 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0041 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0042 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0043 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0044 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0045 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0046 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0047 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0048 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0049 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0050 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0051 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0052 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0053 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0054 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0055 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0056 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0057 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0058 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0059 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0060 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0061 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0062 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0063 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0064 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0065 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0066 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0067 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0068 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0069 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0070 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0071 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0072 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0073 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0074 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0075 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0076 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0077 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0078 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0079 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0080 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0081 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0082 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0083 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0084 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0085 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0086 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0087 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0088 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0089 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0090 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0091 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0092 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0093 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0094 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0095 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0096 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0097 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0098 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0099 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0100 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0101 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0102 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0103 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0104 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0105 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0106 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0107 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0108 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0109 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0110 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0111 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0112 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0113 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0114 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0115 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0116 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0117 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0118 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0119 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0120 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0121 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0122 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0123 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0124 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0125 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0126 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0127 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0128 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0129 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0130 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0131 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0132 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0133 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0134 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0135 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0136 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0137 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0138 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0139 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0140 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0141 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0142 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0143 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0144 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0145 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0146 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0147 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0148 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0149 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0150 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0151 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0152 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0153 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0154 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0155 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0156 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0157 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0158 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0159 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0160 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0161 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0162 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0163 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0164 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0165 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0166 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0167 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0168 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0169 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0170 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0171 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0172 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0173 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0174 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0175 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0176 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0177 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0178 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0179 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0180 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0181 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0182 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0183 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0184 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0185 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0186 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0187 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0188 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0189 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0190 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0191 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0192 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0193 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0194 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0195 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0196 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0197 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0198 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0199 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0200 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0201 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0202 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0203 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0204 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0205 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0206 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0207 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0208 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0209 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0210 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0211 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0212 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0213 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0214 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0215 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0216 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0217 | Dist | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0218 | IMT1 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520001 | Measured 1 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0219 | IMT2 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520002 | Measured 2 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0220 | IMT3 | TSBus | 03210003 | intima-media complex thickness | TSBus | 03520003 | Measured 3 | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0221 | Lumen | SRT | G-0366 | Vessel Lumen Cross-Sectional Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0222 | Residual | TSBus | 0321000A | Vessel Residual Area | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0223 | Lumen | SRT | G-0364 | Vessel Lumen Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0224 | Residual | TSBus | 0321000B | Vessel Residual Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0225 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0226 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0227 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0228 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0229 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0230 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0231 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0232 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0233 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0234 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0235 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0236 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0237 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0238 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0239 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0240 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0241 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0242 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0243 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0244 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0245 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0246 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0247 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0248 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0249 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0250 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0251 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0252 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0253 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0254 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0255 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0256 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0257 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0258 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0259 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0260 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0261 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0262 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0263 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0264 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0265 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0266 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0267 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0268 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0269 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0270 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0271 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0272 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0273 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0274 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0275 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0276 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0277 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0278 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0279 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0280 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0281 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0282 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0283 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0284 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0285 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0286 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0287 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0288 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0289 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0290 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0291 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0292 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0293 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0294 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0295 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0296 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0297 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0298 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0299 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0300 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0301 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0302 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0303 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0304 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0305 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0306 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0307 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0308 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0309 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0310 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0311 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0312 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0313 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0314 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0315 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0316 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0317 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0318 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0319 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0320 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0321 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0322 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0323 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0324 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0325 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0326 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0327 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0328 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0329 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0330 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0331 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0332 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0333 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0334 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0335 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0336 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0337 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0338 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0339 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0340 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0341 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0342 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0343 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0344 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0345 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0346 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0347 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0348 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0349 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0350 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0351 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0352 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0353 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0354 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0355 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0356 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0357 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0358 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0359 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0360 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0361 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0362 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0363 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0364 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0365 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0366 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0367 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0368 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0369 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0370 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0371 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0372 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0373 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0374 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0375 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0376 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0377 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0378 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0379 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0380 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0381 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0382 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0383 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0384 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0385 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0386 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0387 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0388 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0389 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0390 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0391 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0392 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0393 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0394 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0395 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0396 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0397 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0398 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0399 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0400 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0401 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0402 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0403 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0404 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0405 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0406 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0407 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0408 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0409 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0410 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0411 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0412 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0413 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0414 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0415 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0416 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0417 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0418 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0419 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0420 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0421 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0422 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0423 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0424 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0425 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0426 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0427 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0428 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0429 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0430 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0431 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0432 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0433 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | SRT | F-32011 | End Diastole |
| 0434 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0435 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0436 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0437 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0438 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0439 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0440 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0441 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0442 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0443 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0444 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0445 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | SRT | F-32011 | End Diastole |
| 0446 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0447 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0448 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0449 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0450 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0451 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0452 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0453 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0454 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0455 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0456 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0457 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | SRT | F-32011 | End Diastole |
| 0458 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0459 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0460 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0461 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0462 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0463 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0464 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0465 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0466 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0467 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0468 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0469 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0470 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0471 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0472 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0473 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0474 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0475 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0476 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0477 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0478 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0479 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0480 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0481 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0482 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0483 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0484 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0485 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0486 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0487 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0488 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0489 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0490 | Vm | LN | 11692-1 | Time averaged peak velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0491 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0492 | PI (Ved) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0493 | RI (Ved) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | SRT | F-32011 | End Diastole |
| 0494 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0495 | RI (Vmin) | LN | 12023-8 | Resistivity Index | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0496 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0497 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0498 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0499 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0500 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0501 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0502 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0503 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0504 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0505 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0506 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0507 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0508 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0509 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0510 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0511 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0512 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0513 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0514 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0515 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0516 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0517 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 00518 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0519 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0520 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0521 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0522 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0523 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0524 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0525 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0526 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0527 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0528 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0529 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0530 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0531 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0532 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0533 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0534 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0535 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0536 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0537 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0538 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0539 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0540 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0541 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0542 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0543 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0544 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0545 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0546 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0547 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0548 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0549 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0550 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0551 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0552 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0553 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0554 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0555 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0556 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0557 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0558 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0559 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0560 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0561 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0562 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0563 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0564 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0565 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0566 | meanIMT | TSBus | 03210003 | intima-media complex thickness | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0567 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0568 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0569 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0570 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0571 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0572 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0573 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0574 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0575 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0576 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0577 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0578 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0579 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0580 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0581 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0582 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0583 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0584 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0585 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0586 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0587 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0588 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0589 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0590 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0591 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0592 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0593 | %Stenosis Distance - %S Dist | SRT | R-101BB | Lumen Diameter Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0594 | %Stenosis Distance - %S Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0595 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0596 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0597 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0598 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0599 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0600 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0601 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0602 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0603 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0604 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0605 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0606 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0607 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0608 | %Stenosis Area | SRT | R-101BA | Lumen Area Stenosis | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0609 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0610 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0611 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0612 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0613 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0614 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0615 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0616 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0617 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0618 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0619 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0620 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45200 | External Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0621 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-46100 | Subclavian Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0622 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45700 | Vertebral Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0623 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0624 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0625 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0626 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0627 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0628 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0629 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0630 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0631 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0632 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0633 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0634 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45200 | External Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0635 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-46100 | Subclavian Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0636 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | SRT | R-41D2D | Calculated | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45700 | Vertebral Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0645 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0646 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0647 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0648 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0649 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | | | | | | |
| 0650 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0651 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0652 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0653 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0654 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | | | | | | |
| 0655 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0656 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0657 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0658 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0659 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | | | | | | |
| 0660 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0661 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0662 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0663 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0664 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | | | | | | |
| 0665 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0666 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0667 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0668 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0669 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | | | | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0670 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0671 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0672 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0673 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0674 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | | | | | | |
| 0675 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0676 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0677 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0678 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0679 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | | | | | | |
| 0680 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0681 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0682 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0683 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0684 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | | | | | | |
| 0685 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0686 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0687 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0688 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0689 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | | | | | | |
| 0690 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0691 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0692 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0693 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0694 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A105 | Anterior | | | | | | |
| 0695 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0696 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0697 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0698 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0699 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A104 | Lateral | | | | | | |
| 0700 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0701 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0702 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0703 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0704 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A106 | Posterior | | | | | | |
| 0705 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0706 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0707 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0708 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0709 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A105 | Anterior | | | | | | |
| 0710 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0711 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0712 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0713 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0714 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A104 | Lateral | | | | | | |
| 0715 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0716 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0717 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0718 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0719 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45170 | Carotid Bulb | SRT | G-A106 | Posterior | | | | | | |
| 0720 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |
| 0721 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210010 | Far | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0722 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0723 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | TSBus | 03210011 | Near | | | |
| 0724 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A105 | Anterior | | | | | | |
| 0725 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0726 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210010 | Far | | | |
| 0727 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0728 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | TSBus | 03210011 | Near | | | |
| 0729 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A104 | Lateral | | | | | | |
| 0730 | Far Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0731 | Far Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210010 | Far | | | |
| 0732 | Near Max | TSBus | 03210003 | intima-media complex thickness | SRT | G-A437 | Maximum | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0733 | Near Mean | TSBus | 03210003 | intima-media complex thickness | SRT | R-00317 | Mean | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | TSBus | 03210011 | Near | | | |
| 0734 | Diameter | SNM3 | M-02550 | Diameter | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A106 | Posterior | | | | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0951 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0952 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0953 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0954 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0955 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0956 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0957 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0958 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0959 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0960 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0961 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0962 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0963 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0964 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0965 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0966 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0967 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0968 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0969 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0970 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0971 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0972 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0973 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0974 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0975 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0976 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0977 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0978 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45300 | Internal Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0979 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 0980 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 0981 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 0982 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | SRT | T-45100 | Common Carotid Artery | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 0983 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0984 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0985 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0986 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0987 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0988 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0989 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
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| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0990 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0991 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0992 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0993 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0994 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0995 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 0996 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 0997 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 0998 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 0999 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1000 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1001 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1002 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1003 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1004 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1005 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1006 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1007 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1008 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1009 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1010 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45300 | Internal Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1011 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1012 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1013 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1014 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1014 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | SRT | T-45100 | Common Carotid Artery | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1015 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1016 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1017 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1018 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1019 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1020 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1021 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1022 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1023 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1024 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1025 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1026 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1027 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1028 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1029 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1030 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1031 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1032 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1033 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1034 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A118 | Proximal | | | |
| 1035 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1036 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1037 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1038 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A188 | Mid-longitudinal | | | |
| 1039 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1040 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1041 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1042 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-A119 | Distal | | | |
| 1043 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1044 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1045 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1046 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A100 | Right | SRT | G-036A | Origin of vessel | | | |
| 1047 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1048 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1049 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1050 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1051 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1052 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1053 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1054 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1055 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1056 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1057 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1058 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1059 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1060 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1061 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1062 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102E | ICA/CCA Ratio Denominator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1063 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1064 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1065 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1066 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A118 | Proximal | | | |
| 1067 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1068 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1069 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |
| 1070 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A188 | Mid-longitudinal | | | |

| Meas. No. | Meas. Label | TID (5104) Vascular Ultrasound Measurement Group $Measurement | | | TID (5104) Vascular Ultrasound Measurement Group $Derivation | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | TID (5104) Vascular Ultrasound Measurement Group $AnatomyGroup | | | TID (5104) Vascular Ultrasound Measurement Group Vessel Branch | | | TID (5104) Vascular Ultrasound Measurement Group Topographical Modifier | | | TID (5104) Vascular Ultrasound Measurement Group Cardiac Cycle Point | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 1071 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1072 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1073 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1074 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-A119 | Distal | | | |
| 1075 | PS Vel | LN | 11726-7 | Peak Systolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1076 | ED Vel | LN | 11653-3 | End Diastolic Velocity | SRT | R-00355 | Point source measurement | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1077 | Vmax | LN | 11726-7 | Peak Systolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |
| 1078 | Ved | LN | 11653-3 | End Diastolic Velocity | SRT | R-41D41 | Measured | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 0321102D | ICA/CCA Ratio Numerator | SRT | G-A101 | Left | SRT | G-036A | Origin of vessel | | | |

| Meas.No. | Meas. Label | TID (5103) Vascular Ultrasound Section $Measurement | | | TID (5103) Vascular Ultrasound Section Finding Site | | | TID (5103) Vascular Ultrasound Section Laterality | | | DTID (300) Measurement Topographical Modifier | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0637 | ICA/CCA PS (R) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 03211000 | Ratio in PS |
| 0638 | ICA/CCA ED (R) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 03211002 | Ratio in ED |
| 0639 | ICA/CCA Vmax (R) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 03211003 | Ratio in Vmax |
| 0640 | ICA/CCA Ved (R) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A100 | Right | TSBus | 03211004 | Ratio in Ved |
| 0641 | ICA/CCA PS (L) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 03211000 | Ratio in PS |
| 0642 | ICA/CCA ED (L) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 03211002 | Ratio in ED |
| 0643 | ICA/CCA Vmax (L) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 03211003 | Ratio in Vmax |
| 0644 | ICA/CCA Ved (L) | LN | 33868-1 | ICA/CCA velocity ratio | SRT | T-45005 | Artery of Neck | SRT | G-A101 | Left | TSBus | 03211004 | Ratio in Ved |

**Table 8.1-56**
**SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES FOR OB-GYN ULTRASOUND PROCEDURE REPORT TEMPLATE**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | 125000 | ALWAYS | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | OB-GYN Ultrasound Procedure Report | ALWAYS | AUTO |
| Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| Content Template Sequence | (0040,A504) | SQ | | ALWAYS | AUTO |
| >Template Identifier | (0040,DB00) | CS | 5000 | ALWAYS | AUTO |
| >Mapping Resource | (0008,0105) | CS | DCMR | ALWAYS | AUTO |
| Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121049 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Language of Content Item and descendants | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A160) | SQ | | ALWAYS | AUTO |
| >>Code value | (0008,0100) | SH | eng | ALWAYS | AUTO |
| >>Coding Scheme designator | (0008,0102) | SH | ISO639_2 | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | English | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | HAS OBS CONTEXT | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121005 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Observer Type | ALWAYS | AUTO |
| >Concept Code Sequence | (0040,A160) | SQ | | ALWAYS | AUTO |
| >>Code value | (0008,0100) | SH | 121007 | ALWAYS | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>Coding Scheme designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Device | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | 121118 | ALWAYS | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>Code Meaning | (0008,0104) | LO | Patient Characteristics | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | TEXT | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | 121106 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | DCM | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Comment | ALWAYS | AUTO |
| >>Text Value | (0040,A160) | UT | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 11996-6 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | LN | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Gravida | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code value | (0008,0100) | SH | | ANAP | AUTO |
| >>>>Coding Scheme designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | NUM | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>>Code Value | (0008,0100) | SH | 11977-6 | ANAP | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | LN | ANAP | AUTO |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>>Code Meaning | (0008,0104) | LO | Para | ANAP | AUTO |
| >>Measured Value Sequence | (0040,A300) | SQ | | ALWAYS | AUTO |
| >>>Measured Units Code Sequence | (0040,08EA) | SQ | | ALWAYS | AUTO |
| >>>>Code value | (0008,0100) | SH | | ANAP | AUTO |
| >>>>Coding Scheme designator | (0008,0102) | SH | | ANAP | AUTO |
| >>>>Code Meaning | (0008,0104) | LO | | ANAP | AUTO |
| >>>Numeric Value | (0040,A30A) | DS | | ALWAYS | AUTO |
| ALWAYS | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ANAP | AUTO |
| >>Code Value | (0008,0100) | SH | 111028 | ANAP | AUTO |
| >>Coding Scheme Designator | (0008,0102) | SH | DCM | ANAP | AUTO |
| >>Code Meaning | (0008,0104) | LO | Image Library | ANAP | AUTO |
| >>Referenced SOP Sequence | (0008,1199) | SQ | | ALWAYS | AUTO |
| >>>Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | AUTO |
| >>>Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | AUTO |
| >>Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | IMAGE | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | CONTAINS | ALWAYS | AUTO |
| >Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| >Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>Code Value | (0008,0100) | SH | | | |
| >>Coding Scheme Designator | (0008,0102) | SH | | | |
| >>Code Meaning | (0008,0104) | LO | | | |
| >Continuity of Content | (0040, A050) | CS | SEPARATE | ALWAYS | AUTO |
| >Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |

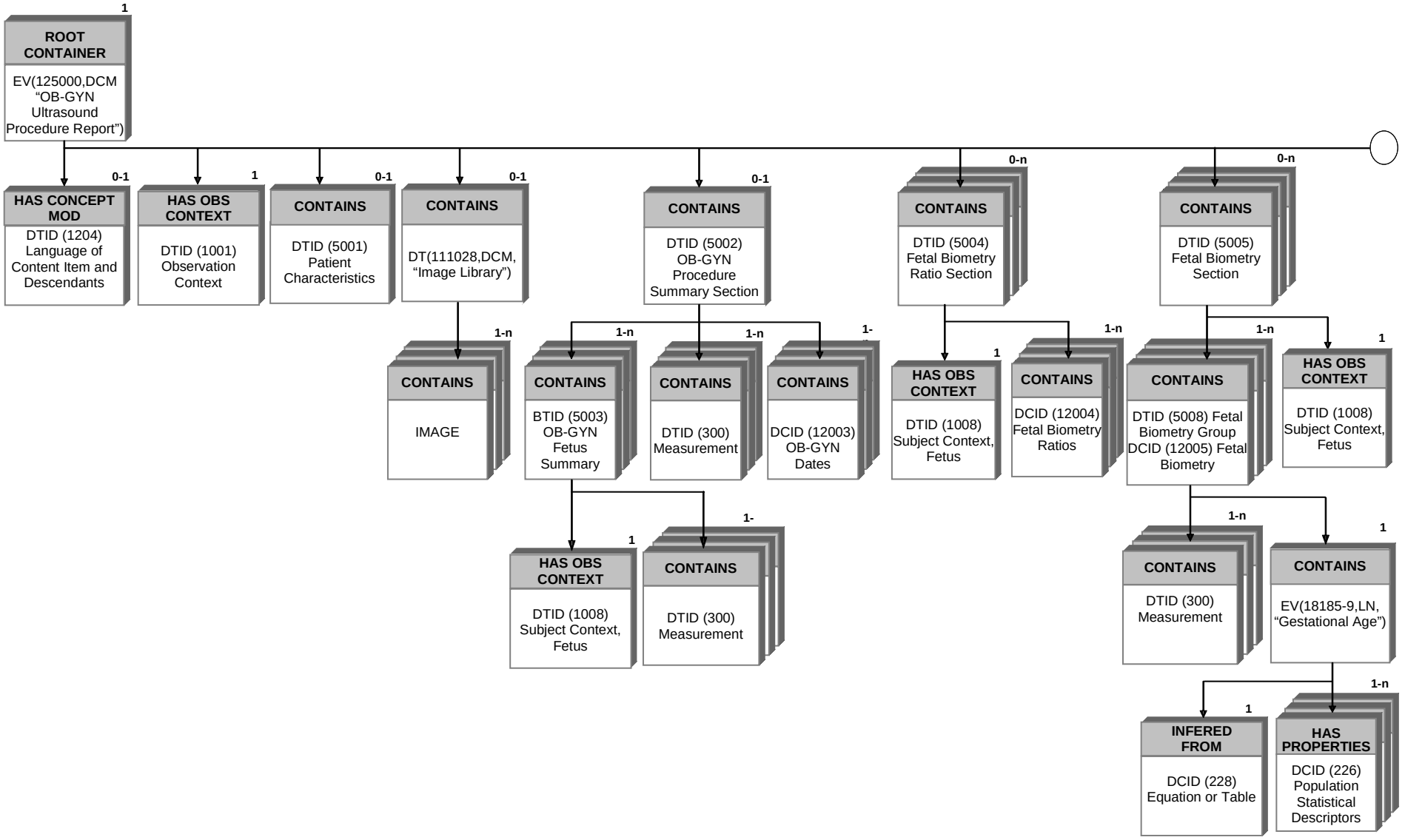
| CSD | CV | CM | Concept Name |
|---|---|---|---|
| DCM | 121111 | Summary | DTID 5002 |
| DCM | 125001 | Fetal Biometry Ratios | DTID 5004 |
| DCM | 125002 | Fetal Biometry | DTID 5005 |
| DCM | 125003 | Fetal Long Bones | DTID 5006 |
| DCM | 125004 | Fetal Cranium | DTID 5007 |
| DCM | 121070 | Findings | DTID 5010<br>DTID 5025<br>DTID 5026 |
| DCM | 125009 | Early Gestation | DTID 5011 |
| DCM | 125011 | Pelvis and Uterus | DTID 5015 |

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| >>Relationship Type | (0040,A010) | CS | HAS CONCEPT MOD | ALWAYS | AUTO |
| >>Value Type | (0040,A040) | CS | CODE | ALWAYS | AUTO |
| >>Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | G-C0E3 | ALWAYS | AUTO |
| >>>Coding Scheme Designator | (0008,0102) | SH | SRT | ALWAYS | AUTO |
| >>>Code Meaning | (0008,0104) | LO | Finding Site | ALWAYS | AUTO |
| >>Concept Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >>>Code Value | (0008,0100) | SH | | | |
| >>>Coding Scheme Designator | (0008,0102) | SH | | | |
| >>>Code Meaning | (0008,0104) | LO | | | |

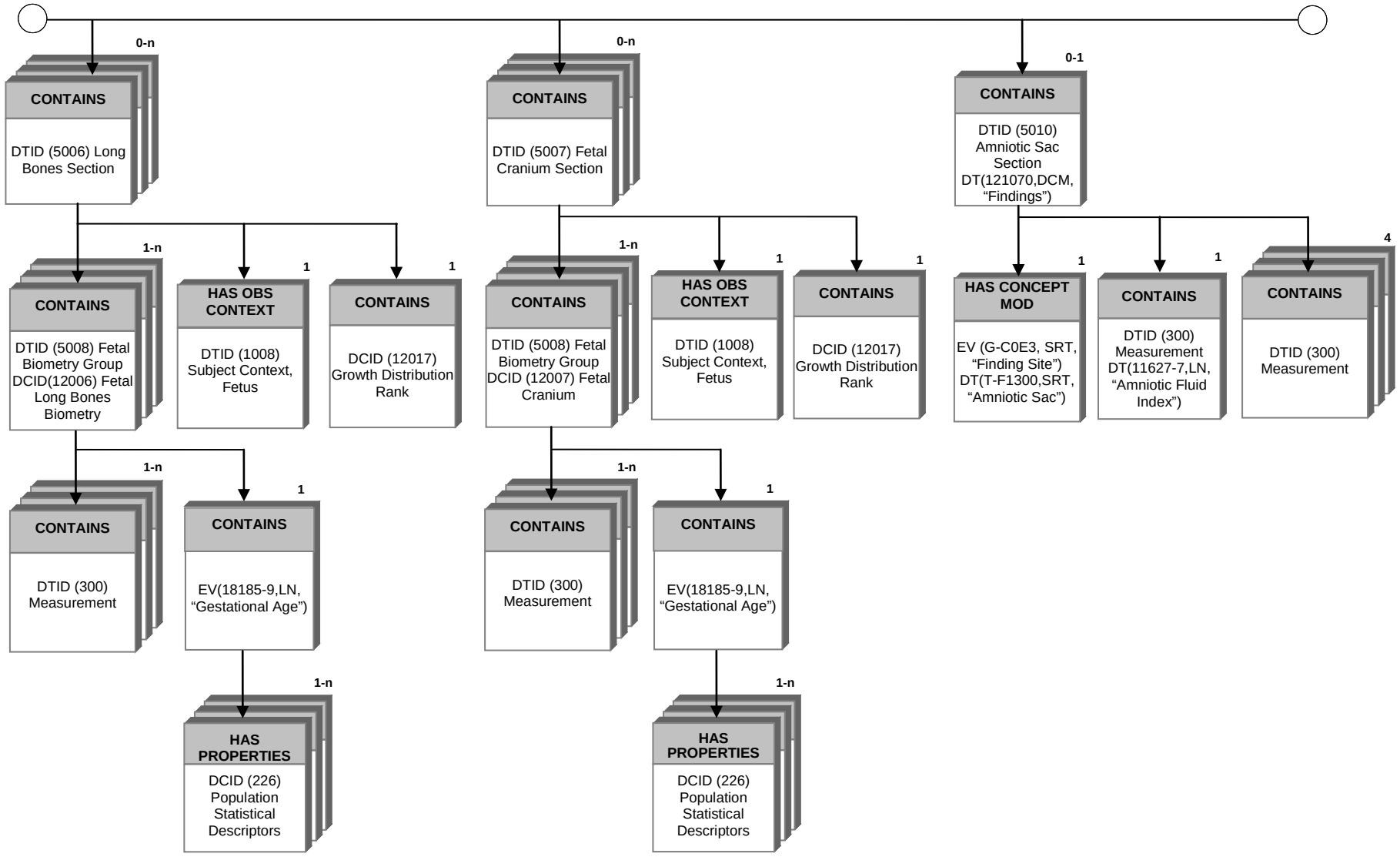
| CSD | CV | CM | Concept Name |
|---|---|---|---|
| SRT | T-F1300 | Amniotic Sac | DTID 5010 |
| SRT | T-87000 | Ovary | DTID 5012 |
| SRT | T-87600 | Ovarian Follicle | DTID 5013 |
| SRT | T-F6800 | Embryonic Vascular Structure | DTID 5025 |
| SRT | T-D6007 | Pelvic Vascular Structure | DTID 5026 |

**Child Containers are continuing depending on Concept DTID.**

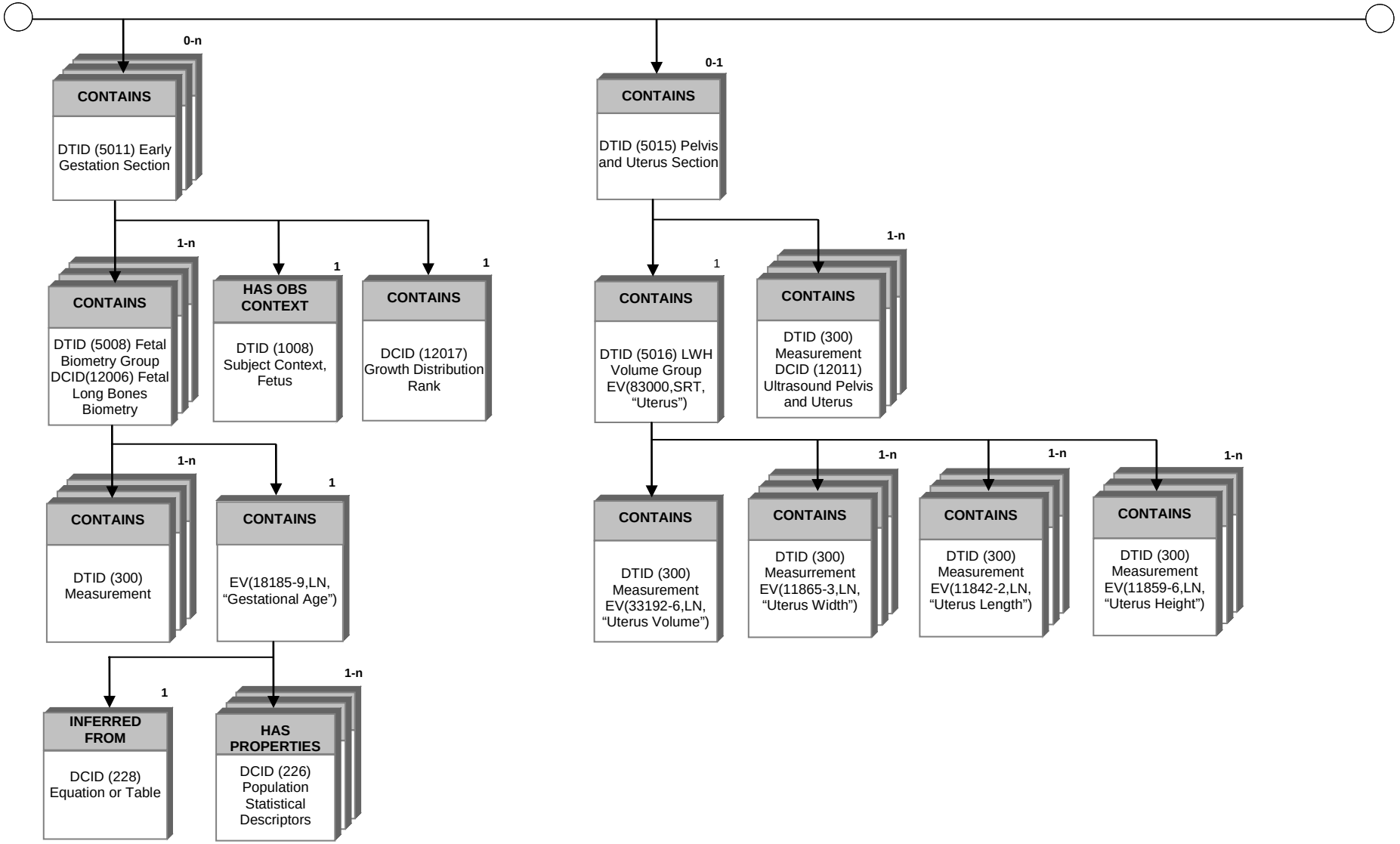
**Figure 8.1-3**
**OB-GYN Ultrasound Procedure Report SR Document IOD Template Structure**



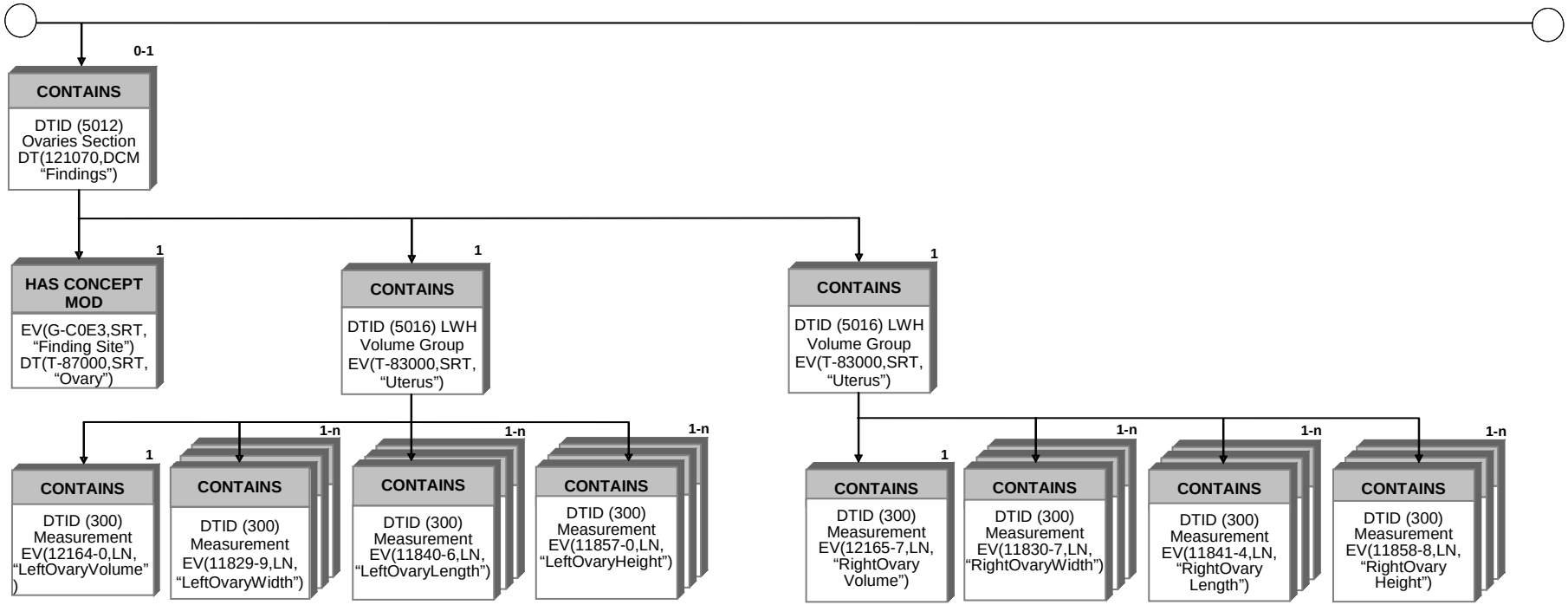
**(Figure 8.1-3 Continued)**



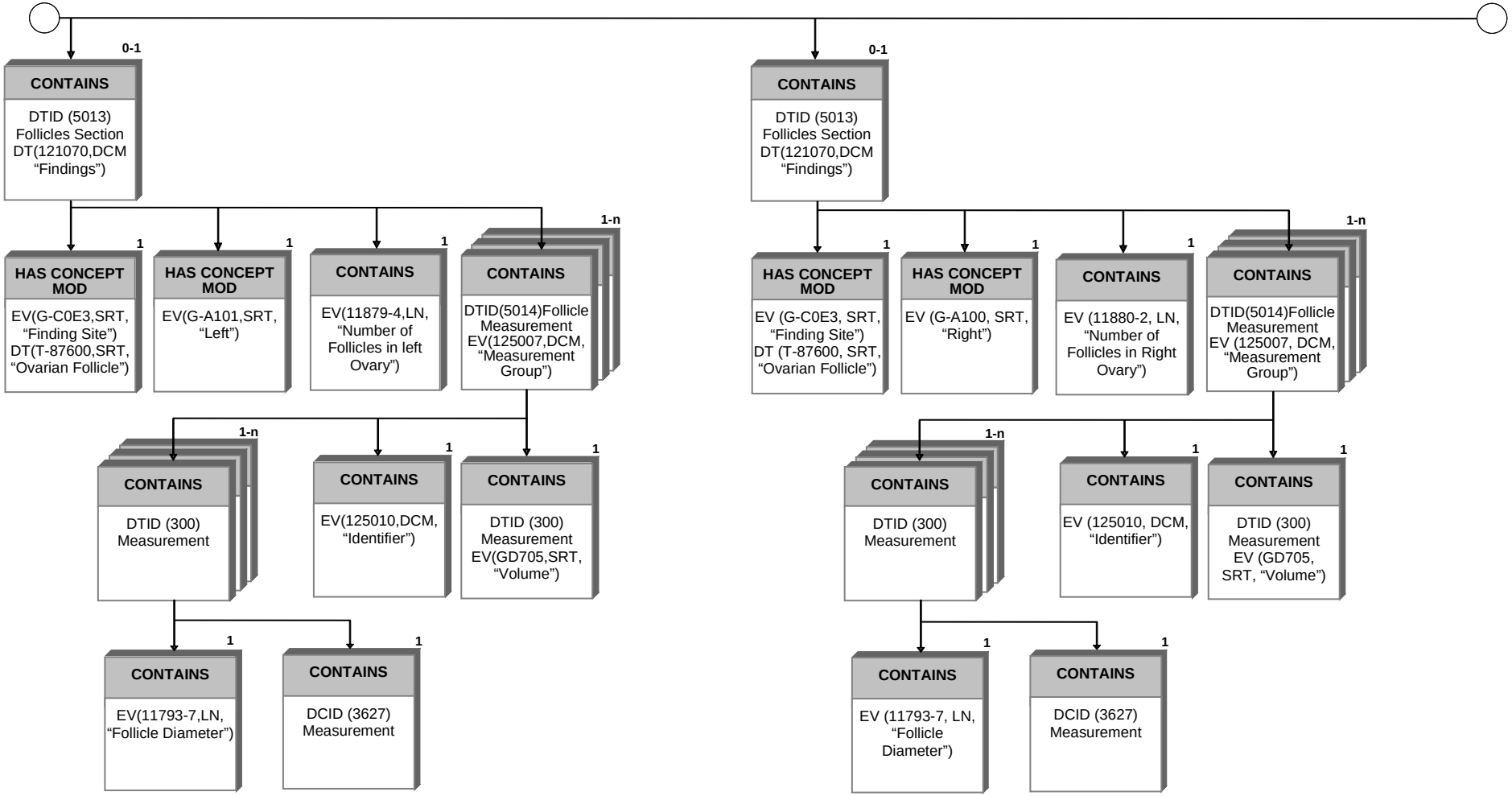
**(Figure 8.1-3 Continued)**



**(Figure 8.1-3 Continued)**



**(Figure 8.1-3 Continued)**



**(Figure 8.1-3 Continued)**

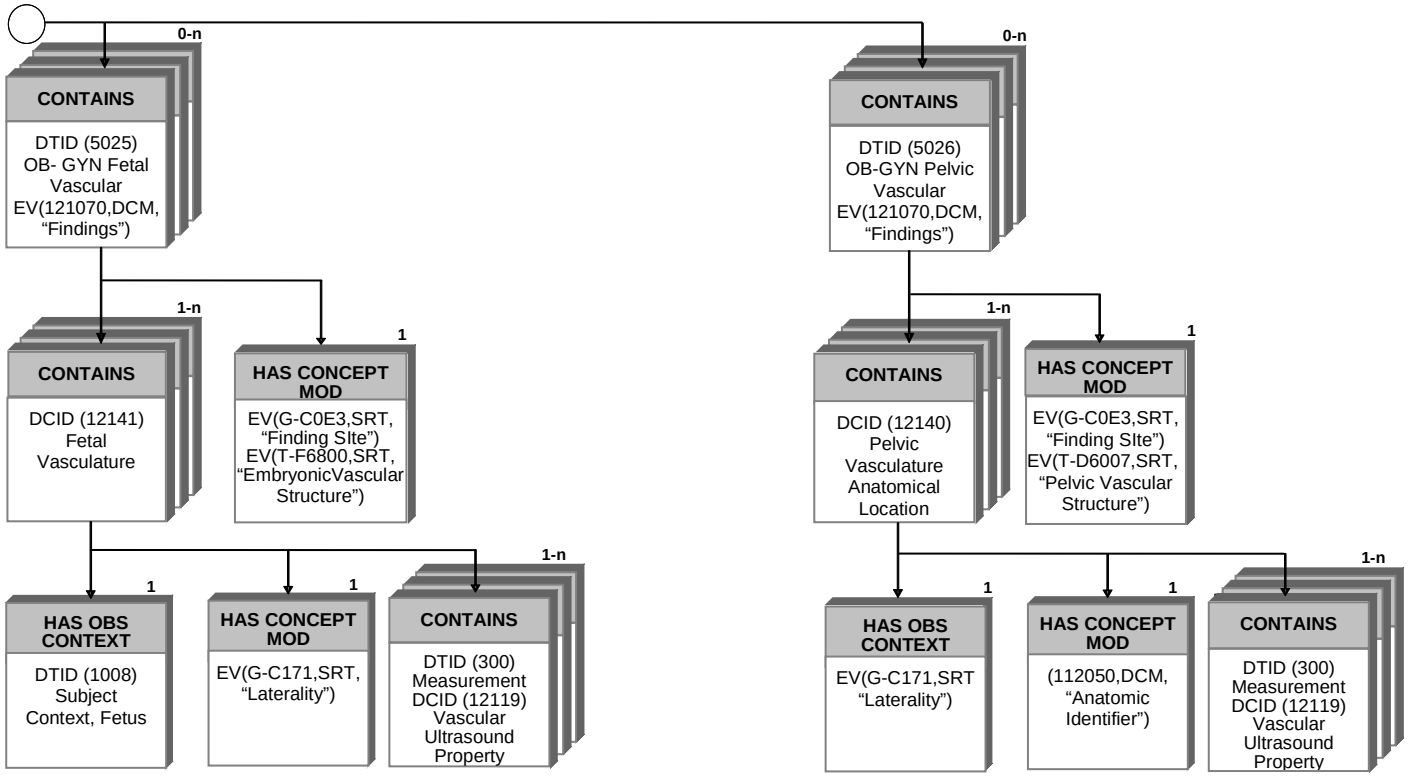


**Table 8.1-57**
**Common**

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0001 | LMP | LN | 11955-2 | LMP | | | | | | | | | |
| 0006 | EDD | LN | 11778-8 | EDD | | | | | | | | | |
| 0495 | GA (by LMP) | LN | 11885-1 | Gestational Age by LMP | | | | | | | | | |
| 0496 | U/S EDD | LN | 11781-2 | EDD from average ultrasound age | | | | | | | | | |
| 0497 | IVF | LN | 11976-8 | Ovulation date | | | | | | | | | |

**Table 8.1-58**
**OB-2D**

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0011 | GS | LN | 11850-5 | Gestational Sac Diameter | | | | | | | | | | | | |
| 0012 | GA | LN | 18185-9 | Gestational Age | LN | 33108-2 | GS, Tokyo 1986 | | | | | | | | | |
| | | | | | LN | 11928-9 | GS, Hellman 1969 | | | | | | | | | |
| | | | | | LN | 11929-7 | GS, Rempen 1991 | | | | | | | | | |
| 0013 | GsdGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0014 | BPD | LN | 11820-8 | Biparietal Diameter | | | | | | | | | | | | |
| 0015 | GA | LN | 18185-9 | Gestational Age | LN | 33082-9 | BPD, Osaka 1989 | | | | | | | | | |
| | | | | | TSBus | 03510033 | BPD, JSUM | | | | | | | | | |
| | | | | | LN | 11902-4 | BPD, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 11906-5 | BPD, Kurtz 1980 | | | | | | | | | |
| | | | | | LN | 11907-3 | BPD, Sabbagha 1978 | | | | | | | | | |
| | | | | | LN | 33081-1 | BPD, Mertz 1988 | | | | | | | | | |
| | | | | | LN | 33538-0 | BPD, Hansmann 1986 | | | | | | | | | |
| | | | | | LN | 33083-7 | BPD, Rempen 1991 | | | | | | | | | |
| | | | | | LN | 33087-8 | BPD-oo, Chitty 1997 | | | | | | | | | |
| | | | | | LN | 33086-0 | BPD-oi, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 03510032 | BPD, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 03510036 | BPD,CFEF 2000 | | | | | | | | | |
| | | | | | LN | 33539-8 | BPD, Jeanty 1982 | | | | | | | | | |
| | | | | | TSBus | 03510034 | BPD, Nicolaides 1994 | | | | | | | | | |
| 0016 | BpdGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0017 | CRL | LN | 11957-8 | Crown Rump Length | | | | | | | | | | | | |
| 0018 | GA | LN | 18185-9 | Gestational Age | LN | 33093-6 | CRL, Osaka 1989 | | | | | | | | | |
| | | | | | TSBus | 0351003A | CRL, JSUM | | | | | | | | | |
| | | | | | LN | 11910-7 | CRL, Hadlock 1992 | | | | | | | | | |
| | | | | | LN | 11914-9 | CRL, Robinson 1975 | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| | | | | | LN | 33094-4 | CRL, Rempen 1991 | | | | | | | | | |
| | | | | | TSBus | 03510010 | CRL, BMUS | | | | | | | | | |
| | | | | | LN | 33540-6 | CRL, Hansmann 1986 | | | | | | | | | |
| | | | | | TSBus | 03520027 | CRL, ASUM 2001 | | | | | | | | | |
| | | | | | LN | 11917-2 | CRL, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 33091-0 | CRL, Daya 1993 | | | | | | | | | |
| | | | | | LN | 11913-1 | CRL, Nelson 1981 | | | | | | | | | |
| 0019 | CrlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0020 | YS | LN | 11816-6 | Yolk Sac length | | | | | | | | | | | | |
| 0021 | NT | LN | 33069-6 | Nuchal Translucency | | | | | | | | | | | | |
| 0022 | NB | SRT | T-11149 | Nasal bone | | | | | | | | | | | | |
| 0023 | GA | LN | 18185-9 | Gestational Age | TSBus | 0352002C | NB, Sonek 2003 | | | | | | | | | |
| | | | | | TSBus | 0352002D | NB, Bunduki 2003 | | | | | | | | | |
| 0024 | NbGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0027 | AC | LN | 11979-2 | Abdominal Circumference | | | | | | | | | | | | |
| 0028 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351002C | AC, Jsum 2003 | | | | | | | | | |
| | | | | | LN | 11893-5 | AC, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 33075-3 | AC, Mertz 1988 | | | | | | | | | |
| | | | | | TSBus | 0351002B | AC, Deter 1982 | | | | | | | | | |
| | | | | | TSBus | 0351002A | AC, Chitty Pltd | | | | | | | | | |
| | | | | | TSBus | 03510029 | AC, Chitty Drvd | | | | | | | | | |
| | | | | | TSBus | 03510027 | AC, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 0352002B | AC derived, BMUS 2007 | | | | | | | | | |
| | | | | | TSBus | 03510028 | AC, CFEF | | | | | | | | | |
| | | | | | TSBus | 0351002D | AC, Nicolaides | | | | | | | | | |
| | | | | | LN | 11892-7 | AC, Hadlock 1984 | | | | | | | | | |
| 0029 | AcGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0032 | FL | LN | 11963-6 | Femur Length | | | | | | | | | | | | |
| 0033 | GA | LN | 18185-9 | Gestational Age | LN | 33101-7 | FL, Osaka 1989 | | | | | | | | | |
| | | | | | TSBus | 03510042 | FL, JSUM | | | | | | | | | |
| | | | | | LN | 11920-6 | FL, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 11923-0 | FL, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 0351003E | FL, Merz 1991 | | | | | | | | | |
| | | | | | LN | 33541-4 | FL, Hansmann 1986 | | | | | | | | | |
| | | | | | TSBus | 03510040 | FL, O-Brien | | | | | | | | | |
| | | | | | TSBus | 03510041 | FL, Warda 1985 | | | | | | | | | |
| | | | | | TSBus | 03520030 | FL, BMUS 2007 | | | | | | | | | |
| | | | | | LN | 33098-5 | FL, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 0351003B | FL, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 0351003D | FL, CFEF | | | | | | | | | |
| | | | | | LN | 11922-2 | FL, Hohler 1982 | | | | | | | | | |
| | | | | | TSBus | 0351003F | FL, Nicolaides | | | | | | | | | |
| 0034 | FlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0035 | FTA | LN | 33068-8 | Thoracic Area | | | | | | | | | | | | |
| 0036 | GA | LN | 18185-9 | Gestational Age | LN | 33138-9 | Fetal Trunk Cross-Sectional Area, Osaka 1989 | | | | | | | | | |
| 0037 | FtaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0038 | HL | LN | 11966-9 | Humerus length | | | | | | | | | | | | |
| 0039 | GA | LN | 18185-9 | Gestational Age | LN | 11936-2 | Humerus, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11937-0 | Humerus, Merz 1987 | | | | | | | | | |
| | | | | | LN | 33117-3 | Humerus Length, Osaka 1989 | | | | | | | | | |
| | | | | | LN | 33116-5 | Humerus Length, ASUM 2000 | | | | | | | | | |
| | | | | | TSBus | 03510021 | Humerus Length | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0040 | HlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0041 | RAD | LN | 11967-7 | Radius length | | | | | | | | | | | | |
| 0042 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510053 | RADIUS, Merz | | | | | | | | | |
| | | | | | TSBus | 0351005A | RADIUS, Chitty | | | | | | | | | |
| 0043 | RadiusGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0044 | Ulna | LN | 11969-3 | Ulna length | | | | | | | | | | | | |
| 0045 | GA | LN | 18185-9 | Gestational Age | LN | 11944-6 | Ulna, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11945-3 | Ulna, Merz 1987 | | | | | | | | | |
| | | | | | TSBus | 03510022 | Ulna, Chitty | | | | | | | | | |
| 0046 | UlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0047 | TIB | LN | 11968-5 | Tibia length | | | | | | | | | | | | |
| 0048 | GA | LN | 18185-9 | Gestational Age | LN | 11941-2 | Tibia, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 03510049 | Tibia, Merz | | | | | | | | | |
| | | | | | TSBus | 03510023 | Tibia, Chitty | | | | | | | | | |
| 0049 | TlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0050 | FIB | LN | 11964-4 | Fibula length | | | | | | | | | | | | |
| 0051 | GA | LN | 18185-9 | Gestational Age | LN | 11918-0 | Fibula, Merz 1987 | | | | | | | | | |
| 0052 | FibulaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0053 | THD | LN | 11864-6 | Transverse Thoracic Diameter | | | | | | | | | | | | |
| 0054 | GA | LN | 18185-9 | Gestational Age | LN | 33129-8 | TAD Hansmann, 1979 | | | | | | | | | |
| 0055 | ThdGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0056 | APAD | LN | 11818-2 | Anterior-Posterior Abdominal Diameter | | | | | | | | | | | | |
| 0057 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351000C | GA APAD Merz | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0058 | ApadGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0059 | TAD | LN | 11862-0 | Tranverse Abdominal Diameter | | | | | | | | | | | | |
| 0060 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510048 | TAD, Merz | | | | | | | | | |
| | | | | | TSBus | 03510047 | TAD, CFEF | | | | | | | | | |
| 0061 | TadGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0062 | CER | LN | 11863-8 | Trans Cerebellar Diameter | | | | | | | | | | | | |
| 0063 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510037 | CER, Goldstein | | | | | | | | | |
| | | | | | TSBus | 3510038 | CER, Hill | | | | | | | | | |
| | | | | | TSBus | 03510039 | CER, Nicolaides | | | | | | | | | |
| 0064 | CerGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0065 | OOD | LN | 11629-3 | Outer Orbital Diameter | | | | | | | | | | | | |
| 0066 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351005B | OOD, Jeanty | | | | | | | | | |
| | | | | | LN | 33124-9 | OOD, Mayden, 1982 | | | | | | | | | |
| 0067 | BnGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0068 | OFD | LN | 11851-3 | Occipital-Frontal Diameter | | | | | | | | | | | | |
| 0069 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510045 | OFD, Merz | | | | | | | | | |
| | | | | | LN | 33120-7 | OFD, Hansmann 1986 | | | | | | | | | |
| | | | | | TSBus | 03510044 | OFD, Chitty | | | | | | | | | |
| | | | | | TSBus | 03510046 | OFD, Nicolaides 1994 | | | | | | | | | |
| | | | | | TSBus | 03520031 | OFD, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 03520032 | OFD, ASUM 2001 | | | | | | | | | |
| 0070 | OfdGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0071 | HA | TSBUs | 03310000 | Head Area | | | | | | | | | | | | |
| 0072 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008B | GA HA Chitty | | | | | | | | | |
| 0073 | HaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0074 | HC | LN | 11984-2 | Head Circumference | | | | | | | | | | | | |
| 0075 | GA | LN | 18185-9 | Gestational Age | LN | 33115-7 | HC Merz, 1988 | | | | | | | | | |
| | | | | | LN | 11932-1 | HC, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 33543-0 | HC, Hansmann 1986 | | | | | | | | | |
| | | | | | LN | 33110-8 | HC measured, Chitty 1997 | | | | | | | | | |
| | | | | | LN | 33111-6 | HC derived, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 03520028 | HC, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 03520029 | HC, Nicolaides 1994 | | | | | | | | | |
| | | | | | TSBus | 0352002A | HC derived, BMUS 2007 | | | | | | | | | |
| | | | | | TSBus | 03510043 | HC, CFEF | | | | | | | | | |
| | | | | | LN | 11934-7 | HC, Jeanty 1984 | | | | | | | | | |
| 0076 | HcGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0077 | AA | TSBUs | 03310001 | Abdominal Area | | | | | | | | | | | | |
| 0078 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351000B | GA AA Chitty | | | | | | | | | |
| 0079 | AaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0080 | AFI | LN | 11627-7 | Amniotic Fluid Index | | | | | | | | | | | | |
| 0081 | Q1 | LN | 11624-4 | First Quadrant Diameter | | | | | | | | | | | | |
| 0082 | Q2 | LN | 11626-9 | Second Quadrant Diameter | | | | | | | | | | | | |
| 0083 | Q3 | LN | 11625-1 | Third Quadrant Diameter | | | | | | | | | | | | |
| 0084 | Q4 | LN | 11623-6 | Fourth Quadrant Diameter | | | | | | | | | | | | |
| 0087 | CTAR A | TSBus | 03310002 | Thoracic Area (CTAR A) | | | | | | | | | | | | |
| 0088 | CTAR B | TSBus | 03310003 | Cardiac Area (CTAR B) | | | | | | | | | | | | |
| 0089 | CARD-Axis | TSBus | 03310004 | Cardiac Axis | | | | | | | | | | | | |
| 0090 | CTAR | TSBus | 03310005 | Cardiothoracic area ratio | | | | | | | | | | | | |
| 0091 | Umb V D | TSBus | 03330003 | Umbilical Vein Diameter | | | | | | | | | | SRT | T-F1820 | Umbilical Vein |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0092 | Cervix Len | LN | 11961-0 | Cervix Length | | | | | | | | | | | | |
| 0093 | CM | LN | 11860-4 | Cisterna Magna length | | | | | | | | | | | | |
| 0094 | Ocular D | TSBus | 03330001 | Ocular Diameter | | | | | | | | | | | | |
| 0095 | CLAV | LN | 11962-8 | Clavicle length | | | | | | | | | | | | |
| 0096 | GA | LN | 18185-9 | Gestational Age | LN | 33088-6 | Clavical length,Yarkoni 1985 | | | | | | | | | |
| 0097 | ClavGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0098 | TC | LN | 11988-3 | Thoracic Circumference | | | | | | | | | | | | |
| 0099 | Va | LN | 33197-5 | Anterior Horn Lateral ventricular width | | | | | | | | | | | | |
| 0100 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351004D | VA, Nicolaides | | | | | | | | | |
| 0101 | VaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0102 | Vp | LN | 33196-7 | Posterior Horn Lateral ventricular width | | | | | | | | | | | | |
| 0103 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351004E | VP, Nicolaides | | | | | | | | | |
| 0104 | VpGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0105 | Hem | LN | 12170-7 | Width of Hemisphere | | | | | | | | | | | | |
| 0106 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510050 | HEM, Nicolaides | | | | | | | | | |
| 0107 | HemGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0108 | Foot | LN | 11965-1 | Foot length | | | | | | | | | | | | |
| 0109 | GA | LN | 18185-9 | Gestational Age | LN | 11926-3 | Foot Length, Mercer 1987 | | | | | | | | | |
| 0110 | FootGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0111 | F Kidney | TSBus | 03330000 | Fetal Kidney length | | | | | | | | | | | | |
| 0112 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008A | GA Fetal Kidney Bertagnoli | | | | | | | | | |
| 0113 | F_KidGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0114 | AFP | SRT | M-02550 | Diameter | | | | | | | | | | | | |
| 0115 | GS | LN | 11850-5 | Gestational Sac Diameter | | | | | | | | | | | | |
| 0119 | GA | LN | 18185-9 | Gestational Age | TSBus | 0352002F | MSD, Daya 1991 | | | | | | | | | |
| 0120 | MsdGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0121 | TCD | TSBus | 0353000C | Transverse Cardiac Diameter | | | | | | | | | | | | |
| 0122 | C.S.P. | TSBus | 03520022 | Cavum Septi Pellucidi | | | | | | | | | | | | |
| 0123 | NF | LN | 12146-7 | Nuchal Fold thickness | | | | | | | | | | | | |
| 0124 | IOD | LN | 33070-4 | Inner Orbital Diameter | | | | | | | | | | | | |
| 0125 | Maxilla Angle | TSBus | 03520023 | Maxilla Angle | | | | | | | | | | | | |
| 0126 | Maxilla Len. | SRT | T-11170 | Maxilla | | | | | | | | | | | | |
| 0127 | Lt F Kidney | LN | 11834-9 | Left Kidney length | | | | | | | | | | | | |
| 0128 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008A | GA Fetal Kidney Bertagnoli | | | | | | | | | |
| 0129 | LtF_KidGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0130 | Rt F Kidney | LN | 11836-4 | Right Kidney length | | | | | | | | | | | | |
| 0131 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008A | GA Fetal Kidney Bertagnoli | | | | | | | | | |
| 0132 | RtF_KidGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0133 | Lt HL | LN | 11966-9 | Humerus length | | | | | | | SRT | G-A101 | Left | | | |
| 0134 | GA | LN | 18185-9 | Gestational Age | LN | 11936-2 | Humerus, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11937-0 | Humerus, Merz 1987 | | | | | | | | | |
| | | | | | LN | 33117-3 | Humerus Length, Osaka 1989 | | | | | | | | | |
| | | | | | LN | 33116-5 | Humerus Length, ASUM 2000 | | | | | | | | | |
| | | | | | TSBus | 03510021 | Humerus, Chitty | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0135 | LtHlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0136 | Rt HL | LN | 11966-9 | Humerus length | | | | | | | SRT | G-A100 | Right | | | |
| 0137 | GA | LN | 18185-9 | Gestational Age | LN | 11936-2 | Humerus, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11937-0 | Humerus, Merz 1987 | | | | | | | | | |
| | | | | | LN | 33117-3 | Humerus Length, Osaka 1989 | | | | | | | | | |
| | | | | | LN | 33116-5 | Humerus Length, ASUM 2000 | | | | | | | | | |
| | | | | | TSBus | 03510021 | Humerus, Chitty | | | | | | | | | |
| 0138 | RtHlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0139 | Lt Ulna | LN | 11969-3 | Ulna length | | | | | | | SRT | G-A101 | Left | | | |
| 0140 | GA | LN | 18185-9 | Gestational Age | LN | 11944-6 | Ulna, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11945-3 | Ulna, Merz 1987 | | | | | | | | | |
| | | | | | TSBus | 03510022 | Ulna, Chitty | | | | | | | | | |
| 0141 | LtUlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0142 | Rt Ulna | LN | 11969-3 | Ulna length | | | | | | | SRT | G-A100 | Right | | | |
| 0143 | GA | LN | 18185-9 | Gestational Age | LN | 11944-6 | Ulna, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11945-3 | Ulna, Merz 1987 | | | | | | | | | |
| | | | | | TSBus | 03510022 | Ulna, Chitty | | | | | | | | | |
| 0144 | RtUlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0145 | Lt RAD | LN | 11967-7 | Radius length | | | | | | | SRT | G-A101 | Left | | | |
| 0146 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510053 | RADIUS, Merz | | | | | | | | | |
| | | | | | TSBus | 0351005A | RADIUS, Chitty | | | | | | | | | |
| 0147 | LtRadiusGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0148 | Rt RAD | LN | 11967-7 | Radius length | | | | | | | SRT | G-A100 | Right | | | |
| 0149 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510053 | RADIUS, Merz | | | | | | | | | |
| | | | | | TSBus | 0351005A | RADIUS, Chitty | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0150 | RtRadiusGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0151 | Lt CLAV | LN | 11962-8 | Clavicle length | | | | | | | SRT | G-A101 | Left | | | |
| 0152 | GA | LN | 18185-9 | Gestational Age | LN | 33088-6 | Clavical length,Yarkoni 1985 | | | | | | | | | |
| 0153 | LtClavGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0154 | Rt CLAV | LN | 11962-8 | Clavicle length | | | | | | | SRT | G-A100 | Right | | | |
| 0155 | GA | LN | 18185-9 | Gestational Age | LN | 33088-6 | Clavical length,Yarkoni 1985 | | | | | | | | | |
| 0156 | RtClavGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0157 | Lt FL | LN | 11963-6 | Femur Length | | | | | | | SRT | G-A101 | Left | | | |
| 0158 | GA | LN | 18185-9 | Gestational Age | LN | 33101-7 | FL, Osaka 1989 | | | | | | | | | |
| | | | | | TSBus | 03510042 | FL, JSUM | | | | | | | | | |
| | | | | | LN | 11920-6 | FL, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 11923-0 | FL, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 0351003E | FL, Merz 1991 | | | | | | | | | |
| | | | | | LN | 33541-4 | FL, Hansmann 1986 | | | | | | | | | |
| | | | | | TSBus | 03510040 | FL, O-Brien | | | | | | | | | |
| | | | | | TSBus | 03510041 | FL, Warda 1985 | | | | | | | | | |
| | | | | | TSBus | 03520030 | FL, BMUS 2007 | | | | | | | | | |
| | | | | | LN | 33098-5 | FL, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 0351003B | FL, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 0351003D | FL, CFEF | | | | | | | | | |
| | | | | | LN | 11922-2 | FL, Hohler 1982 | | | | | | | | | |
| | | | | | TSBus | 0351003F | FL, Nicolaides | | | | | | | | | |
| 0159 | LtFlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0160 | Rt FL | LN | 11963-6 | Femur Length | | | | | | | SRT | G-A100 | Right | | | |
| 0161 | GA | LN | 18185-9 | Gestational Age | LN | 33101-7 | FL, Osaka 1989 | | | | | | | | | |
| | | | | | TSBus | 03510042 | FL, JSUM | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| | | | | | LN | 11920-6 | FL, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 11923-0 | FL, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 0351003E | FL, Merz 1991 | | | | | | | | | |
| | | | | | LN | 33541-4 | FL, Hansmann 1986 | | | | | | | | | |
| | | | | | TSBus | 03510040 | FL, O-Brien | | | | | | | | | |
| | | | | | TSBus | 03510041 | FL, Warda 1985 | | | | | | | | | |
| | | | | | TSBus | 03520030 | FL, BMUS 2007 | | | | | | | | | |
| | | | | | LN | 33098-5 | FL, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 0351003B | FL, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 0351003D | FL, CFEF | | | | | | | | | |
| | | | | | LN | 11922-2 | FL, Hohler 1982 | | | | | | | | | |
| | | | | | TSBus | 0351003F | FL, Nicolaides | | | | | | | | | |
| 0162 | RtFlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0163 | Lt TIB | LN | 11968-5 | Tibia length | | | | | | | SRT | G-A101 | Left | | | |
| 0164 | GA | LN | 18185-9 | Gestational Age | LN | 11941-2 | Tibia, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 03510049 | Tibia, Merz | | | | | | | | | |
| | | | | | TSBus | 03510023 | Tibia, Chitty | | | | | | | | | |
| 0165 | LtTlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0166 | Rt TIB | LN | 11968-5 | Tibia length | | | | | | | SRT | G-A100 | Right | | | |
| 0167 | GA | LN | 18185-9 | Gestational Age | LN | 11941-2 | Tibia, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 03510049 | Tibia, Merz | | | | | | | | | |
| | | | | | TSBus | 03510023 | Tibia, Chitty | | | | | | | | | |
| 0168 | RtTlGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0169 | Lt FIB | LN | 11964-4 | Fibula length | | | | | | | SRT | G-A101 | Left | | | |
| 0170 | GA | LN | 18185-9 | Gestational Age | LN | 11918-0 | Fibula, Merz 1987 | | | | | | | | | |
| | | | | | TSBus | 0351004C | FIBULA, Chitty | | | | | | | | | |
| 0171 | LtFibulaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0172 | Rt FIB | LN | 11964-4 | Fibula length | | | | | | | SRT | G-A100 | Right | | | |
| 0173 | GA | LN | 18185-9 | Gestational Age | LN | 11918-0 | Fibula, Merz 1987 | | | | | | | | | |
| | | | | | TSBus | 0351004C | FIBULA, Chitty | | | | | | | | | |
| 0174 | RtFibulaGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0175 | Lt Foot | LN | 11965-1 | Foot length | | | | | | | SRT | G-A101 | Left | | | |
| 0176 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510024 | FOOT, Mercer | | | | | | | | | |
| | | | | | TSBus | 03510025 | FOOT, Chitty | | | | | | | | | |
| 0177 | LtFootGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0178 | Rt Foot | LN | 11965-1 | Foot length | | | | | | | SRT | G-A100 | Right | | | |
| 0179 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510024 | FOOT, Mercer | | | | | | | | | |
| | | | | | TSBus | 03510025 | FOOT, Chitty | | | | | | | | | |
| 0180 | RtFootGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0184 | U/S GA | LN | 11888-5 | Composite Ultrasound Age | | | | | | | | | | | | |
| 0202 | FL/BPD | LN | 11872-9 | FL/BPD | | | | | | | | | | | | |
| 0221 | CI | LN | 11823-2 | Cephalic Index | | | | | | | | | | | | |
| 0222 | HC/AC | LN | 11947-9 | HC/AC | | | | | | | | | | | | |
| 0223 | FL/HC | LN | 11873-7 | FL/HC | | | | | | | | | | | | |
| 0224 | FL/AC | LN | 11871-1 | FL/AC | | | | | | | | | | | | |
| 0225 | Va/Hem | TSBus | 03330007 | Va/Hem | | | | | | | | | | | | |
| 0226 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510051 | VA Over HEM, Nicolaides | | | | | | | | | |
| 0227 | VaOverHem_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0228 | Vp/Hem | TSBus | 03330008 | Vp/Hem | | | | | | | | | | | | |
| 0229 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510052 | VP Over HEM, Nicolaides | | | | | | | | | |
| 0230 | VpOverHem_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0231 | HC(Cal.) | LN | 11984-2 | Head Circumference | | | | SRT | R-41D2D | Calculated | | | | | | |
| 0232 | CalcHc_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0233 | GA | LN | 18185-9 | Gestational Age | TSBus | 0352002A | HC derived, BMUS 2007 | | | | | | | | | |
| | | | | | LN | 11932-1 | HC, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 33115-7 | HC Merz, 1988 | | | | | | | | | |
| | | | | | LN | 33543-0 | HC, Hansmann 1986 | | | | | | | | | |
| | | | | | LN | 33111-6 | HC derived, Chitty 1997 | | | | | | | | | |
| | | | | | TSBus | 03510043 | HC, CFEF | | | | | | | | | |
| | | | | | LN | 11934-7 | HC, Jeanty 1984 | | | | | | | | | |
| | | | | | TSBus | 03510027 | HC, ASUM 2001 | | | | | | | | | |
| | | | | | TSBus | 03520029 | HC, Nicolaides 1994 | | | | | | | | | |
| 0234 | AC(Cal.) | LN | 11979-2 | Abdominal Circumference | | | | SRT | R-41D2D | Calculated | | | | | | |
| 0235 | CalcAc_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0236 | GA | LN | 18185-9 | Gestational Age | TSBus | 0352002B | AC derived, BMUS 2007 | | | | | | | | | |
| | | | | | LN | 11893-5 | AC, Jeanty 1984 | | | | | | | | | |
| | | | | | LN | 11892-7 | AC, Hadlock 1984 | | | | | | | | | |
| | | | | | LN | 33075-3 | AC, Mertz 1988 | | | | | | | | | |
| | | | | | TSBus | 03510029 | AC, Chitty Drvd | | | | | | | | | |
| | | | | | TSBus | 03510028 | AC, CFEF | | | | | | | | | |
| | | | | | TSBus | 0351002D | AC, Nicolaides | | | | | | | | | |
| 0256 | MCR_US_AVERAGE_GA_FOR_HADLOCK_SD | LN | 18185-9 | Gestational Age | | | | | | | | | | | | |
| 0257 | MCR_US_GA_SD | LN | 18185-9 | Gestational Age | | | | | | | | | | | | |
| 0489 | MAD | TSBus | 03530001 | Mean Abdominal Diameter | TSBus | 03530002 | MAD | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0490 | GA | LN | 18185-9 | Gestational Age | | | | | | | | | | | | |
| 0491 | MADGa_SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0193 | EFW (Hadlock1) | LN | 11727-5 | Estimated Weight | LN | 11751-5 | EFW by AC, FL, Hadlock 1985 | | | | | | | | | |
| 0192 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510084 | GA by EFW, AC, FL, Hadlock 1985 | | | | | | | | | |
| 0191 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0237 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0194 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 0351009A | MCR_WEIGHT_US_PERC_EFW_HADLOCK_AC_FL | | | | | | | | | |
| 0197 | EFW (Hadlock2) | LN | 11727-5 | Estimated Weight | TSBus | 03510004 | EFW by AC, BPD, FL, Hadlock2 | | | | | | | | | |
| 0196 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008C | GA Hadlock2 | | | | | | | | | |
| 0195 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0238 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0198 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03510096 | MCR_WEIGHT_US_PERC_EFW_HADLOCK_BPD_AC_FL | | | | | | | | | |
| 0205 | EFW (Hadlock3) | LN | 11727-5 | Estimated Weight | TSBus | 03510005 | EFW by AC, FL, HC, Hadlock 3 | | | | | | | | | |
| 0204 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008D | GA Hadlock3 | | | | | | | | | |
| 0203 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0239 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0206 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03510097 | MCR_WEIGHT_US_PERC_EFW_HADLOCK_HC_AC_FL | | | | | | | | | |
| 0209 | EFW (Hadlock4) | LN | 11727-5 | Estimated Weight | TSBus | 03510003 | EFW by AC, BPD, FL, HC, Hadlock4 | | | | | | | | | |
| 0208 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008E | GA Hadlock4 | | | | | | | | | |
| 0207 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0240 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0210 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03510098 | MCR_WEIGHT_US_PERC_EFW_HADLOCK_BPD_HC_AC_FL | | | | | | | | | |
| 0248 | EFW (Hadlock1-Williams) | LN | 11727-5 | Estimated Weight | TSBus | 035100A1 | EFW by AC, FL, Williams 1982 | | | | | | | | | |
| 0247 | GA | LN | 18185-9 | Gestational Age | LN | 33184-3 | FWP by GA, Williams, 1982 | | | | | | | | | |
| 0246 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0249 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0250 | USGA Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0253 | EFW (Hadlock2-Williams) | LN | 11727-5 | Estimated Weight | TSBus | 035100A2 | EFW by AC, BPD, FL, Williams 1982 | | | | | | | | | |
| 0252 | GA | LN | 18185-9 | Gestational Age | LN | 33184-3 | FWP by GA, Williams, 1982 | | | | | | | | | |
| 0251 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0254 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0255 | USGA Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0260 | EFW (Hadlock3-Williams) | LN | 11727-5 | Estimated Weight | TSBus | 035100A3 | EFW by AC, FL, HC, Williams 1982 | | | | | | | | | |
| 0259 | GA | LN | 18185-9 | Gestational Age | LN | 33184-3 | FWP by GA, Williams, 1982 | | | | | | | | | |
| 0258 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0261 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0262 | USGA Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0265 | EFW (Hadlock4-Williams) | LN | 11727-5 | Estimated Weight | TSBus | 035100A4 | EFW by AC, BPD, FL, HC, Williams 1982 | | | | | | | | | |
| 0264 | GA | LN | 18185-9 | Gestational Age | LN | 33184-3 | FWP by GA, Williams, 1982 | | | | | | | | | |
| 0263 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0266 | Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0267 | USGA Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0243 | EFW (Hadlock4-Brenner) | LN | 11727-5 | Estimated Weight | TSBus | 035100A0 | EFW by AC, BPD, FL, HC, Brenner 1976 | | | | | | | | | |
| 0242 | GA | LN | 18185-9 | Gestational Age | LN | 33189-2 | FWP by GA, Brenner 1976 | | | | | | | | | |
| 0241 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0244 | Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 035100A0 | EFW by AC, BPD, FL, HC, Brenner 1976 | | | | | | | | | |
| 0245 | USGA Percentile | LN | 11767-1 | EFW percentile rank | | | | | | | | | | | | |
| 0190 | EFW (JSUM) | LN | 11727-5 | Estimated Weight | TSBus | 03510008 | EFW by BPD, AC, FL, JSUM | | | | | | | | | |
| 0189 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510086 | GA by EFW, BPD, AC, FL, JSUM | | | | | | | | | |
| 0188 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0644 | Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03530007 | EFW by GA, JSUM 2003 | | | | | | | | | |
| 0643 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03530006 | EFW by MA, JSUM 2003 | | | | | | | | | |
| 0220 | EFW (Hansmann) | LN | 11727-5 | Estimated Weight | TSBus | 0351000A | EFW BPD,THD Hansman | | | | | | | | | |
| 0219 | GA | LN | 18185-9 | Gestational Age | TSBus | 0351008F | GA Hansman | | | | | | | | | |
| 0218 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0492 | FEW (Persson) | LN | 11727-5 | Estimated Weight | TSBus | 03530005 | EFW by BPD, FL, MAD by Persson | | | | | | | | | |
| 0493 | GA | LN | 18185-9 | Gestational Age | TSBus | 03530003 | MAD, Persson | | | | | | | | | |
| 0494 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0646 | Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03530009 | EFW by GA, Persson 1996 | | | | | | | | | |
| 0645 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 03530008 | EFW by MA, Persson 1996 | | | | | | | | | |

| Meas. No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0201 | EFW (Osaka) | LN | 11727-5 | Estimated Weight | LN | 33140-5 | EFW by BPD, FTA, FL, Osaka 1990 | | | | | | | | | |
| 0200 | GA | LN | 18185-9 | Gestational Age | TSBus | 03510087 | GA by EFW BPD,FTA,FL OSAKA | | | | | | | | | |
| 0199 | SD | DCM | 121414 | Standard deviation of population | | | | | | | | | | | | |
| 0648 | Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 0353000B | EFW by GA, Osaka 1983 | | | | | | | | | |
| 0647 | USGA Percentile | LN | 11767-1 | EFW percentile rank | TSBus | 0353000A | EFW by MA, Osaka 1983 | | | | | | | | | |
| 0216 | EFW (Campbell) | LN | 11727-5 | Estimated Weight | LN | 11756-4 | EFW by AC, Campbell 1975 | | | | | | | | | |
| 0217 | EFW (Merz2) | LN | 11727-5 | Estimated Weight | TSBus | 03510095 | EFW by AC, Merz2 | | | | | | | | | |
| 0214 | EFW (Merz) | LN | 11727-5 | Estimated Weight | TSBus | 03510006 | EFW by BPD, AC, Merz | | | | | | | | | |
| 0212 | EFW (Shepard) | LN | 11727-5 | Estimated Weight | LN | 11739-0 | EFW by AC and BPD, Shepard 1982 | | | | | | | | | |
| 0642 | EFW (Schild) | LN | 11727-5 | Estimated Weight | TSBus | 03530004 | EFW by HC, AC, FL, Schild 2004 | | | | | | | | | |

**Table 8.1-59**
**OB-GYN**

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0268 | Volume | | LN | 12164-0 | Left Ovary Volume | | | | | | | | | | | | |
| 0269 | Dist1 | | LN | 11829-9 | Left Ovary Width | | | | | | | | | | | | |
| 0270 | Dist2 | | LN | 11840-6 | Left Ovary Length | | | | | | | | | | | | |
| 0271 | Dist3 | | LN | 11857-0 | Left Ovary Height | | | | | | | | | | | | |
| 0272 | Volume | | LN | 12165-7 | Right Ovary Volume | | | | | | | | | | | | |
| 0273 | Dist1 | | LN | 11830-7 | Right Ovary Width | | | | | | | | | | | | |
| 0274 | Dist2 | | LN | 11841-4 | Right Ovary Length | | | | | | | | | | | | |
| 0275 | Dist3 | | LN | 11858-8 | Right Ovary Height | | | | | | | | | | | | |
| 0276 | Volume | | LN | 33192-6 | Uterus Volume | | | | | | | | | | | | |
| 0277 | Dist1 | | LN | 11865-3 | Uterus Width | | | | | | | | | | | | |
| 0278 | Dist2 | | LN | 11842-2 | Uterus Length | | | | | | | | | | | | |
| 0279 | Dist3 | | LN | 11859-6 | Uterus Height | | | | | | | | | | | | |
| 0280 | Endometrium | | LN | 12145-9 | Endometrium Thickness | | | | | | | | | | | | |
| 0281 | Volume | 1 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0282 | Dist1 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0283 | Dist2 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0284 | Dist3 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0285 | Volume | 2 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0286 | Dist1 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0287 | Dist2 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0288 | Dist3 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0289 | Volume | 3 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0290 | Dist1 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0291 | Dist2 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0292 | Dist3 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0293 | Volume | 4 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0294 | Dist1 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0295 | Dist2 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0296 | Dist3 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0297 | Volume | 5 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0298 | Dist1 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0299 | Dist2 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0300 | Dist3 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0301 | Volume | 6 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0302 | Dist1 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0303 | Dist2 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0304 | Dist3 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0305 | Volume | 7 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0306 | Dist1 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0307 | Dist2 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0308 | Dist3 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0309 | Volume | 8 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0310 | Dist1 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0311 | Dist2 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0312 | Dist3 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0498 | Volume | 9 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0499 | Dist1 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0500 | Dist2 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0501 | Dist3 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0502 | Volume | 10 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0503 | Dist1 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0504 | Dist2 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0505 | Dist3 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0506 | Volume | 11 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0507 | Dist1 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0508 | Dist2 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0509 | Dist3 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0510 | Volume | 12 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0511 | Dist1 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0512 | Dist2 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0513 | Dist3 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0514 | Volume | 13 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0515 | Dist1 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0516 | Dist2 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0517 | Dist3 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0518 | Volume | 14 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0519 | Dist1 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0520 | Dist2 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0521 | Dist3 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0522 | Volume | 15 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0523 | Dist1 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0524 | Dist2 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0525 | Dist3 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0526 | Volume | 16 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0527 | Dist1 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0528 | Dist2 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0529 | Dist3 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0530 | Volume | 17 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0531 | Dist1 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0532 | Dist2 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0533 | Dist3 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0534 | Volume | 18 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0535 | Dist1 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0536 | Dist2 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0537 | Dist3 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0538 | Volume | 19 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0539 | Dist1 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0540 | Dist2 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0541 | Dist3 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0542 | Volume | 20 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0543 | Dist1 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0544 | Dist2 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0545 | Dist3 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0546 | Volume | 21 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0547 | Dist1 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0548 | Dist2 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0549 | Dist3 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0550 | Volume | 22 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0551 | Dist1 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0552 | Dist2 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0553 | Dist3 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0554 | Volume | 23 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0555 | Dist1 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0556 | Dist2 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0557 | Dist3 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0558 | Volume | 24 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0559 | Dist1 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0560 | Dist2 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0561 | Dist3 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0562 | Volume | 25 | SRT | G-D705 | Volume | | | | | | | SRT | G-A101 | Left | | | |
| 0563 | Dist1 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A101 | Left | | | |
| 0564 | Dist2 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A101 | Left | | | |
| 0565 | Dist3 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A101 | Left | | | |
| 0313 | Volume | 1 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0314 | Dist1 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0315 | Dist2 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0316 | Dist3 | 1 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0317 | Volume | 2 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0318 | Dist1 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0319 | Dist2 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0320 | Dist3 | 2 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0321 | Volume | 3 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0322 | Dist1 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0323 | Dist2 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0324 | Dist3 | 3 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0325 | Volume | 4 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0326 | Dist1 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0327 | Dist2 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0328 | Dist3 | 4 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0329 | Volume | 5 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0330 | Dist1 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0331 | Dist2 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0332 | Dist3 | 5 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0333 | Volume | 6 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0334 | Dist1 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0335 | Dist2 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0336 | Dist3 | 6 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0337 | Volume | 7 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0338 | Dist1 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0339 | Dist2 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0340 | Dist3 | 7 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0341 | Volume | 8 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0342 | Dist1 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0343 | Dist2 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0344 | Dist3 | 8 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0566 | Volume | 9 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0567 | Dist1 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0568 | Dist2 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0569 | Dist3 | 9 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0570 | Volume | 10 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0571 | Dist1 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0572 | Dist2 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0573 | Dist3 | 10 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0574 | Volume | 11 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0575 | Dist1 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0576 | Dist2 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0577 | Dist3 | 11 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0578 | Volume | 12 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0579 | Dist1 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0580 | Dist2 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0581 | Dist3 | 12 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0582 | Volume | 13 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0583 | Dist1 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0584 | Dist2 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0585 | Dist3 | 13 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0586 | Volume | 14 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0587 | Dist1 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0588 | Dist2 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0589 | Dist3 | 14 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0590 | Volume | 15 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0591 | Dist1 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0592 | Dist2 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0593 | Dist3 | 15 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0594 | Volume | 16 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0595 | Dist1 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0596 | Dist2 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0597 | Dist3 | 16 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0598 | Volume | 17 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0599 | Dist1 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0600 | Dist2 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0601 | Dist3 | 17 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0602 | Volume | 18 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0603 | Dist1 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0604 | Dist2 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0605 | Dist3 | 18 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0606 | Volume | 19 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0607 | Dist1 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0608 | Dist2 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0609 | Dist3 | 19 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0610 | Volume | 20 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0611 | Dist1 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0612 | Dist2 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0613 | Dist3 | 20 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0614 | Volume | 21 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0615 | Dist1 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0616 | Dist2 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0617 | Dist3 | 21 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0618 | Volume | 22 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0619 | Dist1 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0620 | Dist2 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0621 | Dist3 | 22 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0622 | Volume | 23 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0623 | Dist1 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0624 | Dist2 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0625 | Dist3 | 23 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0626 | Volume | 24 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0627 | Dist1 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0628 | Dist2 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0629 | Dist3 | 24 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0630 | Volume | 25 | SRT | G-D705 | Volume | | | | | | | SRT | G-A100 | Right | | | |
| 0631 | Dist1 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520001 | Measured 1 | SRT | G-A100 | Right | | | |
| 0632 | Dist2 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520002 | Measured 2 | SRT | G-A100 | Right | | | |
| 0633 | Dist3 | 25 | LN | 11793-7 | Follicle Diameter | | | | TSBus | 03520003 | Measured 3 | SRT | G-A100 | Right | | | |
| 0345 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520001 | Measured 1 | | | | | | |
| 0346 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520001 | Measured 1 | | | | | | |
| 0347 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520001 | Measured 1 | | | | | | |
| 0348 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520001 | Measured 1 | | | | | | |
| 0349 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520002 | Measured 2 | | | | | | |
| 0350 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520002 | Measured 2 | | | | | | |
| 0351 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520002 | Measured 2 | | | | | | |
| 0352 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520002 | Measured 2 | | | | | | |
| 0353 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520003 | Measured 3 | | | | | | |
| 0354 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520003 | Measured 3 | | | | | | |
| 0355 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520003 | Measured 3 | | | | | | |
| 0356 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520003 | Measured 3 | | | | | | |
| 0357 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520004 | Measured 4 | | | | | | |
| 0358 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520004 | Measured 4 | | | | | | |
| 0359 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520004 | Measured 4 | | | | | | |
| 0360 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520004 | Measured 4 | | | | | | |
| 0361 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520005 | Measured 5 | | | | | | |

| Meas.No | Meas. Label | Follicle Identifier | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0362 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520005 | Measured 5 | | | | | | |
| 0363 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520005 | Measured 5 | | | | | | |
| 0364 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520005 | Measured 5 | | | | | | |
| 0365 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520006 | Measured 6 | | | | | | |
| 0366 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520006 | Measured 6 | | | | | | |
| 0367 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520006 | Measured 6 | | | | | | |
| 0368 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520006 | Measured 6 | | | | | | |
| 0634 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520005 | Measured 7 | | | | | | |
| 0635 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520005 | Measured 7 | | | | | | |
| 0636 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520005 | Measured 7 | | | | | | |
| 0637 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520005 | Measured 7 | | | | | | |
| 0638 | Volume | | SRT | M-3340A | Cyst | | | | TSBus | 03520006 | Measured 8 | | | | | | |
| 0639 | Dist1 | | TSBus | 03520024 | Cyst Diameter 1 | | | | TSBus | 03520006 | Measured 8 | | | | | | |
| 0640 | Dist2 | | TSBus | 03520025 | Cyst Diameter 2 | | | | TSBus | 03520006 | Measured 8 | | | | | | |
| 0641 | Dist3 | | TSBus | 03520026 | Cyst Diameter 3 | | | | TSBus | 03520006 | Measured 8 | | | | | | |

**Table 8.1-60**
**OB-Doppler**

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0369 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0370 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0371 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0372 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0373 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0374 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0375 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0376 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0377 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0378 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A100 | Right | SRT | T-46820 | Uterine Artery |
| 0379 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0380 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0381 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0382 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0383 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0384 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0385 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0386 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0387 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0388 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A101 | Left | SRT | T-46820 | Uterine Artery |
| 0389 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0390 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0391 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0392 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0393 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0394 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0395 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0396 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0397 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0398 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | | | | SRT | T-F1810 | Umbilical Artery |
| 0399 | HR (Umb A) | LN | 11948-7 | Fetal Heart Rate | | | | | | | | | | | | |
| 0400 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0401 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0402 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0403 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0404 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0405 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0406 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0407 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0408 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0409 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | | | | SRT | T-45600 | Middle Cerebral Artery |
| 0410 | HR (MCA) | LN | 11948-7 | Fetal Heart Rate | | | | | | | | | | | | |
| 0411 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | | | | SRT | T-42000 | Aorta |
| 0412 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | | | | SRT | T-42000 | Aorta |
| 0413 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | | | | SRT | T-42000 | Aorta |
| 0414 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | | | | SRT | T-42000 | Aorta |
| 0415 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | | | | SRT | T-42000 | Aorta |
| 0416 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-42000 | Aorta |

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0417 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-42000 | Aorta |
| 0418 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-42000 | Aorta |
| 0419 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-42000 | Aorta |
| 0420 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | | | | SRT | T-42000 | Aorta |
| 0421 | HR (Fetal Ao) | LN | 11948-7 | Fetal Heart Rate | | | | | | | | | | | | |
| 0422 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0423 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0424 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0425 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0426 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0427 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0428 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0429 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0430 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0431 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A101 | Left | SRT | T-46980 | Ovarian Artery |
| 0433 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0434 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0435 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0436 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0437 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0438 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0439 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0440 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0441 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0442 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A100 | Right | SRT | T-46980 | Ovarian Artery |
| 0444 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0445 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0446 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0447 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0448 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0449 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0450 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0451 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0452 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0453 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | | | | SRT | T-F1412 | Vitelline Artery of Placenta |
| 0455 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0456 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0457 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0458 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0459 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0460 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0461 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0462 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0463 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0464 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A101 | Left | SRT | T-46600 | Renal Artery |
| 0466 | Vmin | LN | 11665-7 | Minimum Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0467 | Ved | LN | 11653-3 | End Diastolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0468 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0469 | Vm_mean | LN | 20352-1 | Time averaged mean velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |

| Meas.No. | Meas. Label | Measurement Code | | | $Equation | | | $Derivation | | | $Laterality | | | $AnatomyGroup | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM | CSD | CV | CM |
| 0470 | Vp | LN | 11726-7 | Peak Systolic Velocity | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0471 | PI (Ved) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0472 | RI (Ved) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0473 | PI (Vmin) | LN | 12008-9 | Pulsatility Index | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0474 | RI (Vmin) | LN | 12023-8 | Resistivity Index | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0475 | S/D | LN | 12144-2 | Systolic to Diastolic Velocity Ratio | | | | | | | SRT | G-A100 | Right | SRT | T-46600 | Renal Artery |
| 0477 | FHR | LN | 11948-7 | Fetal Heart Rate | | | | | | | | | | | | |
| 0483 | S (DV with Vel Trace) | LN | 11726-7 | Peak Systolic Velocity | | | | | | | | | | TSBus | 03350005 | Ductus Venosus |
| 0485 | D (DV with Vel Trace) | LN | 11653-3 | End Diastolic Velocity | | | | | | | | | | TSBus | 03350005 | Ductus Venosus |
| 0487 | a (DV with Vel Trace) | TSBus | 03350006 | Peak velocity during atrial contraction | | | | | | | | | | TSBus | 03350005 | Ductus Venosus |
| 0478 | Vm_peak | LN | 11692-1 | Time averaged peak velocity | | | | | | | | | | TSBus | 03350005 | Ductus Venosus |
| 0479 | PIV | TSBus | 03350007 | PIV=(S-a)/Vm_peak | | | | | | | | | | | | |
| 0480 | PVIV | TSBus | 03350008 | PVIV=(S-a)/D | | | | | | | | | | | | |
| 0481 | a/S | TSBus | 03350009 | a/S | | | | | | | | | | | | |
| 0482 | S/a | TSBus | 0335000A | S/a | | | | | | | | | | | | |

**Table 8.1-61**
**SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED/COMPREHENSIVE SR SOP INSTANCES FOR USER-DEFINED ABDOMINAL MEASUREMENTS**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Value Type | (0040,A040) | CS | CONTAINER | ALWAYS | AUTO |
| Concept Name Code Sequence | (0040,A043) | SQ | | ALWAYS | AUTO |
| >Code Value | (0008,0100) | SH | 125100 or 03600000 | ALWAYS | AUTO |
| >Coding Scheme Designator | (0008,0102) | SH | DCM or TSBus | ALWAYS | AUTO |
| >Code Meaning | (0008,0104) | LO | "Vascular Ultrasound Procedure Report" or "Radiology Procedure Report" | ALWAYS | AUTO |
| Continuity of Content | (0040,A050) | CS | SEPARATE | ALWAYS | AUTO |
| Content Template Sequence | (0040,A504) | SQ | | ALWAYS | AUTO |
| >Mapping Resource | (0008,0105) | CS | DCMR | ALWAYS | AUTO |
| >Template Identifier | (0040,DB00) | CS | 5100 or 0360 | ALWAYS | AUTO |
| Content Sequence | (0040,A730) | SQ | | ALWAYS | AUTO |
| >Relationship Type | (0040,A010) | CS | See Section 8.7.1 for TID 5100 and Section 8.7.2 for TID 0360 | ALWAYS | AUTO |
| >*Include Document Relationship Macro* | | | | ALWAYS | AUTO |
| >*Include Document Content Macro* | | | | ALWAYS | AUTO |

### 8.1.1.13 Other Modules

The tables below show the attributes that extend the standard IODs of SC Image, US Image, US Multi-frame Image, Enhanced SR and Comprehensive SR.

**Table 8.1-62**
**IMAGING SERVICE REQUEST MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Requesting Physician | (0032,1032) | PN | | VNAP | MWL/AUTO |
| Requesting Service | (0032,1033) | LO | | VNAP | MWL/AUTO |

**Table 8.1-63**
**VISIT ADMISSION MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Admitting Diagnoses Description | (0008,1080) | LO | | VNAP | MWL/AUTO |

**Table 8.1-64**
**VISIT RELATIONSHIP MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Referenced Patient Sequence | (0008,1120) | SQ | | ANAP | MWL |
| >Referenced SOP Class UID | (0008,1150) | UI | | ALWAYS | MWL |
| >Referenced SOP Instance UID | (0008,1155) | UI | | ALWAYS | MWL |

**Table 8.1-65**
**PATIENT IDENTIFICATION MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Issuer of Patient ID | (0010,0021) | LO | | EMPTY | AUTO |
| Other Patient IDs | (0010,1000) | LO | | VNAP | MWL/AUTO |
| Other Patient Names | (0010,1001) | PN | | VNAP | MWL/AUTO |
| Patient's Birth Name | (0010,1005) | PN | | VNAP | MWL/AUTO |
| Patient's Mother's Birth Name | (0010,1060) | PN | | VNAP | MWL/AUTO |
| Medical Record Locator | (0010,1090) | LO | | VNAP | MWL/AUTO |

**Table 8.1-66**
**PATIENT DEMOGRAPHIC MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Occupation | (0010,2180) | SH | | VNAP | MWL/AUTO |
| Confidentiality Constraint on Patient Data Description | (0040,3001) | LO | | VNAP | MWL/AUTO |
| Patient's Birth Time | (0010,0032) | TM | | VNAP | MWL/AUTO |
| Patient's Address | (0010,1040) | LO | | VNAP | MWL/AUTO |
| Military Rank | (0010,1080) | LO | | VNAP | MWL/AUTO |
| Branch of Service | (0010,1081) | LO | | VNAP | MWL/AUTO |

| | | | | | |
|---|---|---|---|---|---|
| Country of Residence | (0010,2150) | LO | | VNAP | MWL/AUTO |
| Region of Residence | (0010,2152) | LO | | VNAP | MWL/AUTO |
| Patient's Telephone Numbers | (0010,2154) | SH | | VNAP | MWL/AUTO |
| Patient's Religious Preference | (0010,21F0) | LO | | VNAP | MWL/AUTO |

**Table 8.1-67**
**PATIENT MEDICAL MODULE OF CREATED SOP INSTANCES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Medical Alerts | (0010,2000) | LO | | VNAP | MWL/AUTO |
| Allergies | (0010,2110) | LO | | VNAP | MWL/AUTO |
| Smoking Status | (0010,21A0) | CS | | VNAP | MWL/AUTO |
| Additional Patient History | (0010,21B0) | LT | | VNAP | MWL/AUTO |
| Pregnancy Status | (0010,21C0) | US | | ANAP | MWL/AUTO |
| Last Menstrual Date | (0010,21D0) | DA | | EMPTY | AUTO |
| Special Needs | (0038,0050) | LO | | VNAP | MWL/AUTO |
| Patient State | (0038,0500) | LO | | VNAP | MWL/AUTO |

### 8.1.2 Usage of Attributes from received IOD's

No SOP Class specific fields are required.

### 8.1.3 Attribute Mapping

The tables below show the relationships between attributes received via Modality Worklist, stored in acquired images and communicated via MPPS.

The cell content conventions should be read as follows:

Copy: The value will be copied from a corresponding source attribute of another DICOM object, as defiend by the table column.

Copy from: <DICOM attribute>: The source as specified in the referenced DICOM attribute will be used instead of using the DICOM attribute of the same row as the source.

Equal (internally generated): The value will be internally generated which may be used in more than one DICOM object.

**Table 8.1-68**
**SCHEDULED CASE - ATTRIBUTE MAPPING BETWEEN MODALITY WORKLIST, IMAGE AND MPPS**

| Attribute Name | Tag | Modality Worklist | Image IOD | | MPPS IOD | |
|---|---|---|---|---|---|---|
| Study Instance UID | (0020,000D) | Source | Copy | | Scheduled Step Attributes Sequence (0040,0270) | Copy |
| Referenced Study Sequence | (0008,1110) | Source | Copy | | | Copy |
| Accession Number | (0008,0050) | Source | Copy | | | Copy |
| Requested Procedure ID | (0040,1001) | Source | Request Attributes Sequence (0040,0275) | Copy | | Copy |
| Requested Procedure Description | (0032,1060) | Source | | Copy | | Copy |
| Scheduled Procedure Step ID | (0040,0009) | Source | | Copy | | Copy |
| Scheduled Procedure Step Description | (0040,0007) | Source | | Copy | | Copy |
| Scheduled Protocol Code Sequence | (0040,0008) | Source | | Copy | | Copy |
| Performed Protocol Code Sequence | (0040,0260) | - | Copy from: Scheduled Protocol Code Sequence (0040,0008). | | Copy from: Scheduled Protocol Code Sequence (0040,0008). | |
| Study ID | (0020,0010) | - | Copy from: Requested Procedure ID (0040,1001). | | Copy from: Requested Procedure ID (0040,1001). | |
| Study Description | (0008,1030) | Source | Copy | | - | |
| Performed Procedure Step ID | (0040,0253) | - | Equal (internally generated). | | Equal (internally generated). | |
| Performed Procedure Step Start Date | (0040,0244) | - | Equal (internally generated). | | Equal (internally generated). | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Performed Procedure Step Start Time | (0040,0245) | - | Equal (internally generated). | | Equal (internally generated). | |
| Performed Procedure Step Description | (0040,0254) | - | Copy from: Study Description (0008,1030), Requesteed Procedure Description (0032,1060) or Scheduled Procedure Step Description (0040,0007). See Table 4.2-44 Notes | | Copy from: Study Description (0008,1030), Requesteed Procedure Description (0032,1060) or Scheduled Procedure Step Description (0040,0007). See Table 4.2-44 Notes | |
| Requested Procedure Code Sequence | (0032,1064) | Value will be used for Procedure Code Sequence as specified below. | - | | - | |
| Procedure Code Sequence | (0008,1032) | - | Copy from: Requested Procedure Code Sequence (0032,1064). | | Copy from: Requested Procedure Code Sequence (0032,1064). | |
| Referenced SOP Class UID | (0008,1150) | - | Referenced PPS Sequence (0008,1111) | 1.2.840.10008.3.1.2.3.3 | Equal (internally generated). See Notes | |
| Referenced SOP Instance UID | (0008,1155) | - | | Equal to SOP Instance of the associated MPPS. | Equal (internally generated). See Notes | |
| Scheduled Performing Physician's Name | (0040,0006) | Value will be used for Performing Physician's Name as specified below. | - | | - | |
| Performing Physician's Name | (0008,1050) | - | Copy from: Scheduled Performing Physician's Name (0040,0006). | | Performed Series Sequence (0040,0340) | Copy from: Scheduled Performing Physician's Name (0040,0006). |
| Protocol Name | (0018,1030) | - | Copy from: Study Description (0008,1030). | | | Copy from: Study Description (0008,1030).. |

Notes: In MPPS, SOP Class UID is sent in the Affected SOP Class UID (0000,0002) of the PPS N-CREATE message and in Requested SOP Class UID (0000,0003) for the PPS N-SET message.

In MPPS, SOP Instance UID is sent in the Affected SOP Instance UID (0000,1000) of the PPS N-CREATE message and in Requested SOP Instance UID (0000,1001) for the PPS N-SET message.

**Table 8.1-69**
**UNSCHEDULED CASE - ATTRIBUTE MAPPING BETWEEN IMAGE AND MPPS**

| **Attribute Name** | **Tag** | **Image IOD** | | **MPPS IOD** | |
|---|---|---|---|---|---|
| Study Instance UID | (0020,000D) | Equal (internally generated). | | Scheduled Step Attributes Sequence (0040,0270) | Equal (internally generated). |
| Referenced Study Sequence | (0008,1110) | - | | | Zero length |
| Accession Number | (0008,0050) | Zero length | | | Zero length |
| Requested Procedure ID | (0040,1001) | Request Attributes Sequence (0040,0275) | - | | Zero length |
| Requested Procedure Description | (0032,1060) | | | | Zero length |

| | | | | | |
|---|---|---|---|---|---|
| Scheduled Procedure Step ID | (0040,0009) | | | | Zero length |
| Scheduled Procedure Step Description | (0040,0007) | | | | Zero length |
| Scheduled Protocol Code Sequence | (0040,0008) | | | | Zero length |
| Performed Protocol Code Sequence | (0040,0260) | - | | Zero length | |
| Study ID | (0020,0010) | Equal (internally generated). | | Equal (internally generated). | |
| Study Description | (0008,1030) | Zero length | | - | |
| Performed Procedure Step ID | (0040,0253) | Equal (internally generated). | | Equal (internally generated). | |
| Performed Procedure Step Start Date | (0040,0244) | Equal (internally generated). | | Equal (internally generated). | |
| Performed Procedure Step Start Time | (0040,0245) | Equal (internally generated). | | Equal (internally generated). | |
| Performed Procedure Step Description | (0040,0254) | Zero length | | Zero length | |
| Requested Procedure Code Sequence | (0032,1064) | - | | - | |
| Procedure Code Sequence | (0008,1032) | - | | Zero length | |
| Referenced SOP Class UID | (0008,1150) | Referenced PPS Sequence (0008,1111) | 1.2.840.10008.3.1.2.3.3 | Equal (internally generated). | |
| Referenced SOP Instance UID | (0008,1155) | | Equal to SOP Instance of the associated MPPS. | Equal (internally generated). | |
| Performing Physician's Name | (0008,1050) | Zero length | | Performed Series Sequence (0040,0340) | Zero length |
| Protocol Name | (0018,1030) | Equal (internally generated). | | | Equal (internally generated). |

### 8.1.4 Coerced/Modified Fields

Not applicable.

## 8.2 DATA DICTIONARY OF PRIVATE ATTRIBUTES

This product reserves private attribute values in the groups 0029 and 7015.
The private attributes added to created SOP instances or directory records are listed in Table 8.1-19.

## 8.3 CODED TERMINOLOGY AND TEMPLATES

Not applicable.

## 8.4 GRAYSCALE IMAGE CONSISTENCY

Not applicable.

## 8.5 STANDARD EXTENDED/SPECIALIZED/PRIVATE SOP CLASSES

### 8.5.1 Standard Extended SOP Classes - US Image Storage and US Multi-frame Image Storage

**Table 8.5-1**
**US IMAGE EXTENDED ATTRIBUTES**

| Attribute Name | Tag | VR | Value | Presence of Value | Source |
|---|---|---|---|---|---|
| Pixel Spacing | (0028,0030) | DS | Pixel Spacing is only added if the user has configured this attribute to be included and the ultrasound image contains a 2D region.<br>Pixel Spacing will enable measurements on DICOM viewers that do not support Ultrasound Region Calibration. | ANAP | AUTO |

## 8.6 PRIVATE TRANSFER SYNTAXES

Not applicable.

## 8.7 STANDARD EXTENDED AND PRIVATE TEMPLATES

### 8.7.1 Standard Extended Template - TID 5100 Vascular Ultrasound Procedure Report

This template extension is only available to user-defined Abdominal measurements.
The user can select code sets from CID 0365 to be embedded in those measurements.

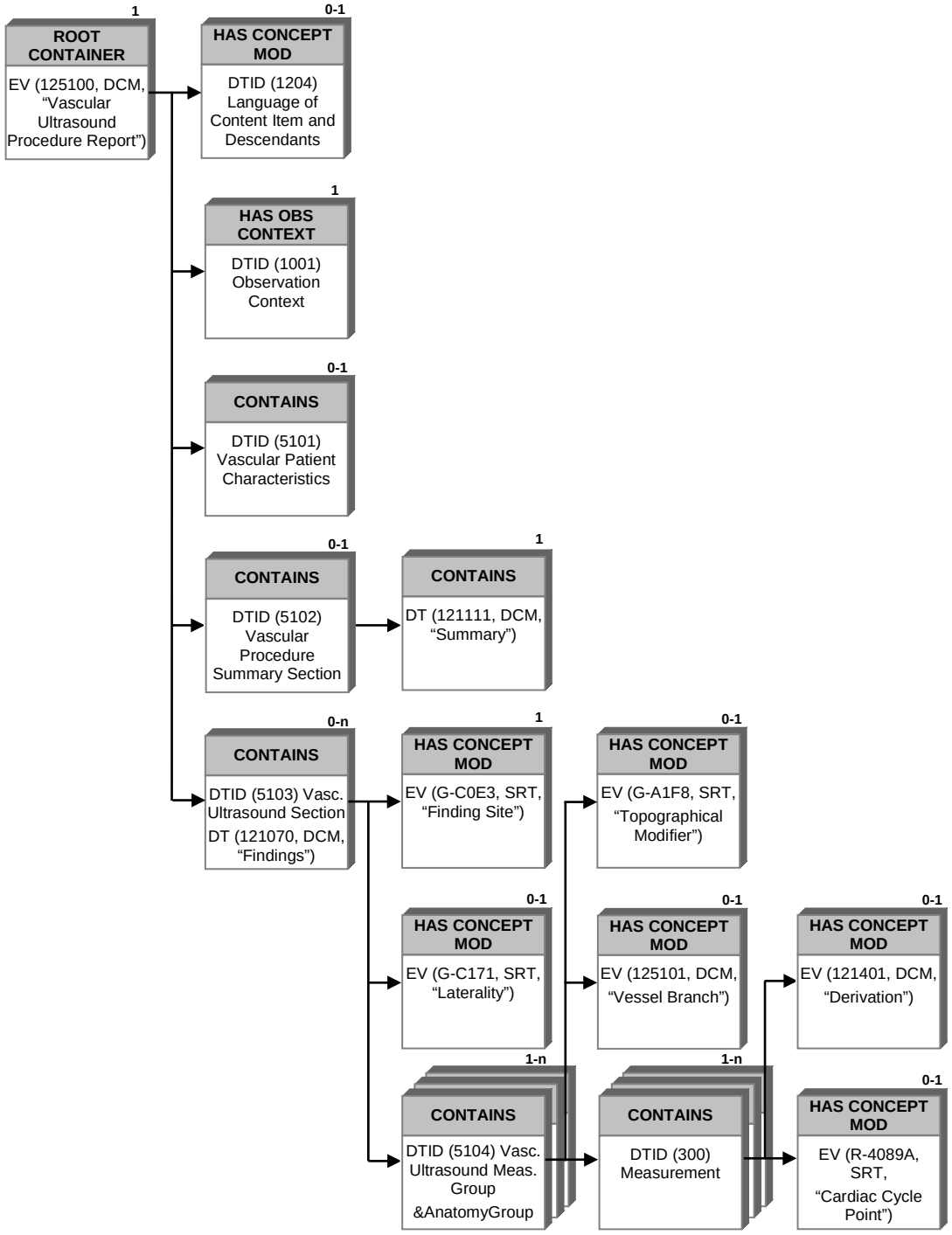



**Figure 8.7-1**
**Vascular Ultrasound Procedure Report SR Document IOD Template Structure**

**Table 8.7-1**
**TID 5100 VASCULAR ULTRASOUND PROCEDURE REPORT**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | EV (125100, DCM, "Vascular Ultrasound Procedure Report") | 1 | M | | |
| 3 | > | HAS CONCEPT MOD | INCLUDE | DTID 1204 "Language of Content Item and Descendants" | 1 | U | | |
| 4 | > | HAS OBS CONTEXT | INCLUDE | DTID 1001 "Observation Context" | 1 | M | | |
| 5 | > | CONTAINS | INCLUDE | DTID 5101 "Vascular Patient Characteristics" | 1 | U | | |
| 8 | > | CONTAINS | INCLUDE | DTID 5102 "Vascular Procedure Summary Section" | 1 | U | | |
| 31 | > | CONTAINS | INCLUDE | DTID 5103 "Vascular Ultrasound Section" | 1 | U | | $SectionScope = DT (T0360, TSBus, "Anatomic Structures")<br>$Anatomy = DCID 0365 "Abdominal Parameters" |
| 32 | > | CONTAINS | INCLUDE | DTID 5103 "Vascular Ultrasound Section" | 1 | U | | $SectionScope = DT (T0360, TSBus, "Anatomic Structures")<br>$SectionLaterality = EV (G-A101, SRT, "Left")<br>$Anatomy = DCID 0365 "Abdominal Parameters" |
| 33 | > | CONTAINS | INCLUDE | DTID 5103 "Vascular Ultrasound Section" | 1 | U | | $SectionScope = DT (T0360, TSBus, "Anatomic Structures")<br>$SectionLaterality = EV (G-A100, SRT, "Right")<br>$Anatomy = DCID 0365 "Abdominal Parameters" |
| 34 | > | CONTAINS | INCLUDE | DTID 5103 "Vascular Ultrasound Section" | 1 | U | | $SectionScope = DT (T0360, TSBus, "Anatomic Structures")<br>$SectionLaterality = EV (G-A103, SRT, "Unilateral")<br>$Anatomy = DCID 0365 "Abdominal Parameters" |

**Table 8.7-2**
**TID 5103 VASCULAR ULTRASOUND SECTION**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | DT (121070, DCM, "Findings") | 1 | M | | |
| 2 | > | HAS CONCEPT MOD | CODE | EV (G-C0E3, SRT, "Finding Site") | 1 | M | | $SectionScope |
| 3 | > | HAS CONCEPT MOD | CODE | EV (G-C171, SRT, "Laterality") | 1 | U | | DCID 0365 "Abdominal Parameters" |
| 4 | > | CONTAINS | INCLUDE | DTID 5104 "Vascular Ultrasound Measurement Group" | 1-n | M | | $AnatomyGroup = $Anatomy |

**Table 8.7-3**
**TID 5104 VASCULAR ULTRASOUND MEASUREMENT GROUP**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | $AnatomyGroup | 1 | M | | |
| 2 | > | HAS CONCEPT MOD | CODE | EV (G-A1F8, SRT, "Topographical Modifier") | 1 | U | | DCID 0365 "Abdominal Parameters" |
| 3 | > | HAS CONCEPT MOD | CODE | EV (125101, DCM, "Vessel Branch") | 1-n | U | | DCID 12117 "Vessel Branch Modifiers" |
| 4 | > | CONTAINS | INCLUDE | DTID 300 "Measurement" | 1-n | M | | $Measurement = DCID 0365 "Abdominal Parameters"<br>$Derivation = DCID 3627 "Measurement Type" |
| 5 | >> | HAS CONCEPT MOD | CODE | EV (R-4089A, SRT, "Cardiac Cycle Point") | 1 | U | | DCID 12233 "Cardiac Phase" |

**Table 8.7-4**
**CID 0365 ABDOMINAL PARAMETERS**

| CSD | CV | CM |
|---|---|---|
| **&Measurement** | | |
| TSBus | 0360000F | Cortical Thickness |
| SRT | M-02550 | Diameter |
| DCM | 121206 | Distance |
| DCM | 121207 | Height |
| TSBus | 0360000E | Left Kidney height |
| LN | 11834-9 | Left Kidney length |
| LN | 11853-9 | Left Kidney thickness |
| LN | 11825-7 | Left Kidney width |
| SRT | G-A22A | Length |
| TSBus | 0360001C | Node 1 |
| TSBus | 0360001D | Node 2 |
| TSBus | 0360001E | Node 3 |
| TSBus | 0360001F | Node 4 |
| TSBus | 03600020 | Node 5 |
| TSBus | 03600021 | Node 6 |

| | | |
|---|---|---|
| TSBus | 03600022 | Node 7 |
| TSBus | 03600023 | Node 8 |
| SRT | M-03010 | Nodule |
| TSBus | 03600014 | Nodule 1 |
| TSBus | 03600015 | Nodule 2 |
| TSBus | 03600016 | Nodule 3 |
| TSBus | 03600017 | Nodule 4 |
| TSBus | 03600018 | Nodule 5 |
| TSBus | 03600019 | Nodule 6 |
| TSBus | 0360001A | Nodule 7 |
| TSBus | 0360001B | Nodule 8 |
| TSBus | 0360000D | Right Kidney height |
| LN | 11836-4 | Right Kidney length |
| LN | 11855-4 | Right Kidney thickness |
| LN | 11827-3 | Right Kidney width |
| TSBus | 03600000 | Spleen Index |
| TSBus | 03600004 | Tumor_1 |
| TSBus | 03600005 | Tumor_2 |
| TSBus | 03600006 | Tumor_3 |
| TSBus | 03600007 | Tumor_4 |
| TSBus | 03600008 | Tumor_5 |
| TSBus | 03600009 | Tumor_6 |
| TSBus | 0360000A | Tumor_7 |
| TSBus | 0360000B | Tumor_8 |
| SRT | G-D705 | Volume |
| DCM | 121221 | Volume of ellipsoid |
| DCM | 122445 | Wall Thickness |
| SNM3 | G-A220 | Width |
| **&AnatomyGroup** | | |
| SRT | T-42500 | Abdominal aorta |
| SRT | T-59200 | Appendix |
| SNM3 | T-60610 | Bile duct |
| SRT | T-74000 | Bladder |
| SRT | T-04000 | Breast |
| TSBus | 03600013 | Common Hepatic Duct |
| TSBus | 03600012 | Epididymal Head |
| SNM3 | T-63000 | Gall bladder |
| SRT | T-15710 | Hip Joint |
| SRT | T-71000 | Kidney |
| SNM3 | T-62000 | Liver |
| TSBus | 03600011 | Lobe of liver |
| SRT | T-65000 | Pancreas |
| SRT | T-65010 | Pancreatic duct |

| | | |
|---|---|---|
| SRT | T-92000 | Prostate |
| SRT | T-98000 | Scrotum |
| SRT | T-C3000 | Spleen |
| SRT | T-94000 | Testis |
| SRT | T-B6000 | Thyroid |
| TSBus | 03600010 | Thyroid isthmus |
| **Topographical Modifier** | | |
| DCM | 122675 | Anterior-Posterior |
| SRT | G-A122 | Apical |
| TSBus | 03600002 | Body |
| TSBus | 03600001 | Head |
| SRT | G-A142 | Horizontal |
| SRT | G-A143 | Longitudinal |
| TSBus | 0360000C | Node |
| DCM | 109135 | Post voiding |
| DCM | 109134 | Prior to voiding |
| SRT | G-A145 | Sagittal |
| TSBus | 03600003 | Tail |
| SRT | G-A117 | Transverse |
| SRT | G-A144 | Vertical |
| **Laterality** | | |
| SRT | G-A101 | Left |
| SRT | G-A100 | Right |
| SRT | G-A103 | Unilateral |

## 8.7.2 Private Template - TID 0360 Radiology Procedure Report

TID 0360 is only available to user-defined Abdominal measurements.
The user can select code sets from CID 0364 to be embedded in those measurements.

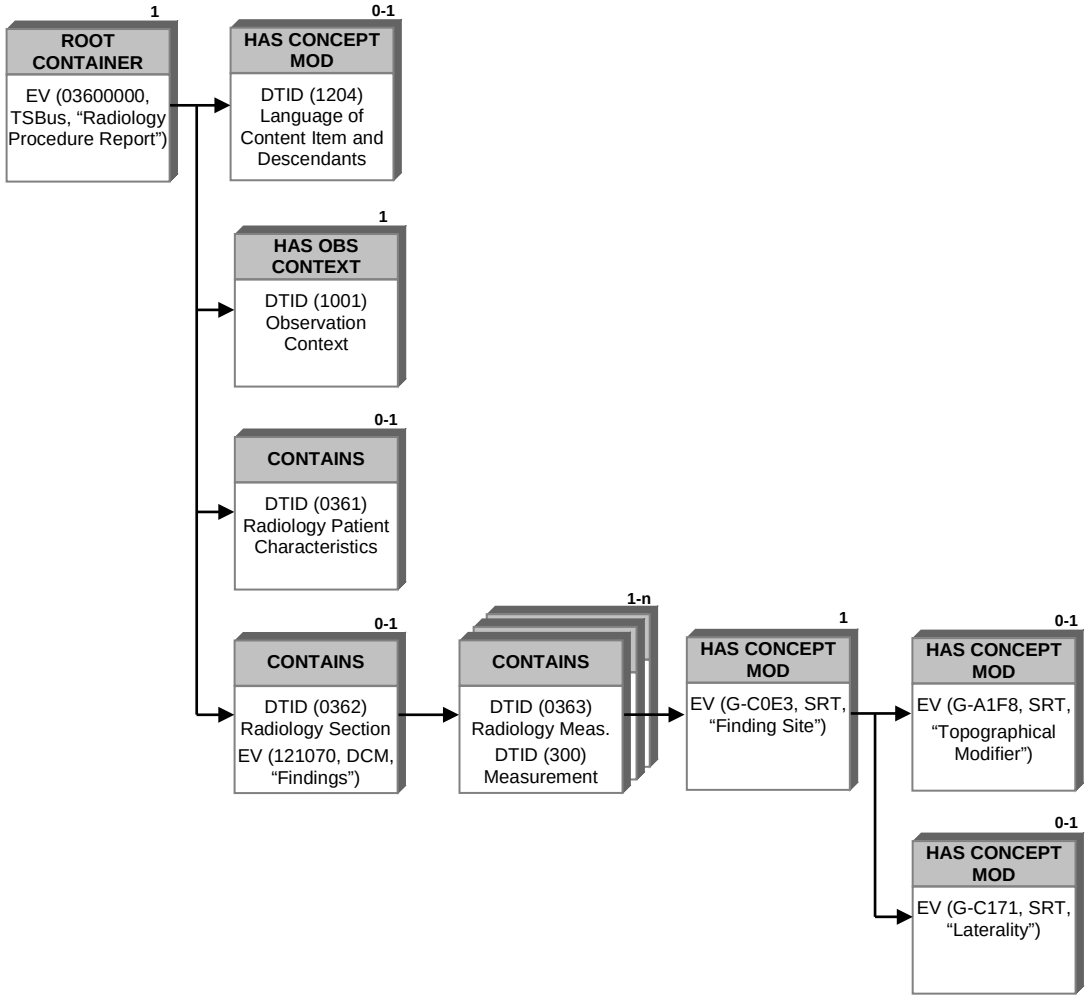



**Figure 8.7-2**
**Radiology Procedure Report SR Document IOD Template Structure**

**Table 8.7-5**
**TID 0360 RADIOLOGY PROCEDURE REPORT**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | EV (03600000, TSBus, "Radiology Procedure Report") | 1 | M | | |
| 2 | > | HAS CONCEPT MOD | INCLUDE | DTID 1204 "Language of Content Item and Descendants" | 1 | U | | |
| 3 | > | HAS OBS CONTEXT | INCLUDE | DTID 1001 "Observation Context" | 1 | M | | |
| 4 | > | CONTAINS | INCLUDE | DTID 0361 "Radiology Patient Characteristics" | 1 | U | | |
| 5 | > | CONTAINS | INCLUDE | DTID 0362 "Radiology Section" | 1 | U | | |

**Table 8.7-6**
**TID 0361 RADIOLOGY PATIENT CHARACTERISTICS**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | EV (121118, DCM, "Patient Characteristics") | 1 | M | | |
| 2 | > | CONTAINS | NUM | EV (121033, DCM, "Subject Age") | 1 | U | | |
| 3 | > | CONTAINS | CODE | EV (121032, DCM, "Subject Sex") | 1 | U | | |
| 4 | > | CONTAINS | NUM | EV (8302-2, LN, "Patient Height") | 1 | U | | |
| 5 | > | CONTAINS | NUM | EV (29463-7, LN, "Patient Weight") | 1 | U | | |

**Table 8.7-7**
**TID 0362 RADIOLOGY SECTION**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | CONTAINER | EV (121070, DCM, "Findings") | 1 | M | | |
| 2 | > | CONTAINS | INCLUDE | DTID 0363 "Radiology Measurement" | 1-n | M | | |

**Table 8.7-8**
**TID 0363 RADIOLOGY MEASUREMENT**

| | NL | Rel with Parent | VT | Concept Name | VM | Req Type | Condition | Value Set Constraint |
|---|---|---|---|---|---|---|---|---|
| 1 | | | INCLUDE | DTID 300 "Measurement" | 1 | M | | $Measurement = DCID 0364 "Radiology Parameters" |
| 2 | > | HAS CONCEPT MOD | CODE | EV (G-C0E3, SRT, "Finding Site") | 1 | M | | DCID 0364 "Radiology Parameters" |
| 3 | >> | HAS CONCEPT MOD | CODE | EV (G-A1F8, SRT, "Topographical modifier") | 1 | U | | DCID 0364 "Radiology Parameters" |
| 4 | >> | HAS CONCEPT MOD | CODE | EV (G-C171, SRT, "Laterality") | 1 | U | | DCID 0364 "Radiology Parameters" |

**Table 8.7-9**
**CID 0364 RADIOLOGY PARAMETERS**

| CSD | CV | CM |
|---|---|---|
| **&Measurement** | | |
| SRT | M-02560 | Circumference |
| SRT | G-D785 | Depth |
| SRT | M-02550 | Diameter |
| DCM | 121207 | Height |
| TSBus | 0360000E | Left Kidney height |
| LN | 11834-9 | Left Kidney length |
| LN | 11853-9 | Left Kidney thickness |
| LN | 11825-7 | Left Kidney width |
| SRT | G-A22A | Length |
| SRT | G-A196 | Radius |
| TSBus | 0360000D | Right Kidney height |
| LN | 11836-4 | Right Kidney length |
| LN | 11855-4 | Right Kidney thickness |
| LN | 11827-3 | Right Kidney width |
| TSBus | 03600000 | Spleen Index |
| TSBus | 03600004 | Tumor_1 |
| TSBus | 03600005 | Tumor_2 |
| TSBus | 03600006 | Tumor_3 |
| TSBus | 03600007 | Tumor_4 |
| TSBus | 03600008 | Tumor_5 |
| TSBus | 03600009 | Tumor_6 |
| TSBus | 0360000A | Tumor_7 |
| TSBus | 0360000B | Tumor_8 |
| SRT | G-D705 | Volume |
| DCM | 122445 | Wall Thickness |
| SNM3 | G-A220 | Width |
| **Finding Site** | | |
| SRT | T-42500 | Abdominal aorta |
| SNM3 | T-60610 | Bile duct |
| SNM3 | T-63000 | Gall bladder |
| SRT | T-71000 | Kidney |
| SNM3 | T-62000 | Liver |
| SRT | T-65000 | Pancreas |
| SRT | T-65010 | Pancreatic duct |
| SRT | T-92000 | Prostate |
| SRT | T-C3000 | Spleen |
| SRT | T-B6000 | Thyroid |
| **Topographical Modifier** | | |
| SRT | G-A122 | Apical |
| TSBus | 03600002 | Body |

| | | |
|---|---|---|
| TSBus | 03600001 | Head |
| SRT | G-A142 | Horizontal |
| TSBus | 0360000C | Node |
| SRT | G-A145 | Sagittal |
| TSBus | 03600003 | Tail |
| SRT | G-A117 | Transverse |
| SRT | G-A144 | Vertical |
| **Laterality** | | |
| SRT | G-A101 | Left |
| SRT | G-A100 | Right |